

PUBLIC HEALTH REPORTS

VOL. 33

JUNE 28, 1918

No. 26

VACCINATION AGAINST SMALLPOX AND TYPHOID FEVER.

TREASURY DEPARTMENT,
OFFICE OF THE SECRETARY,
Washington, June 4, 1918.

To persons in charge of establishments manufacturing war materials:

From the standpoint of health conservation and labor efficiency, it is imperative that such communicable diseases as smallpox and typhoid fever be prevented in all establishments manufacturing materials for the Federal Government. This is of special importance at the present time in view of the constant movement of labor from one locality to another, which facilitates so greatly the spread of disease.

The experience of every civilized country shows that complete protection is furnished against smallpox by vaccination, and temporary immunity against typhoid by inoculation with typhoid vaccine.

In order to prevent such diseases, upon the recommendation of the Surgeon General of the United States Public Health Service, persons in charge of plants engaged in the manufacture of war materials are urged to require every person employed under them to be vaccinated against smallpox and inoculated against typhoid fever, as now done in the case of our military forces.

The medical staff should be instructed to take the necessary steps for the enforcement of these measures. The need for them has already been demonstrated by the occurrence of isolated outbreaks of smallpox in establishments engaged in the production of war materials through imported labor. These outbreaks not only cause the quarantine of the personnel, but also interfere seriously with the production of materials necessary to the conduct of the war.

The Public Health Service is ready to cooperate in enforcing these measures, and any persons calling at any of the service stations will, on request, be vaccinated against smallpox or typhoid fever free of cost.

J. H. MOYLE,
Acting Secretary.

DRIED MILK POWDER.

A REVIEW OF BRITISH EXPERIENCE.

The local Government board of Great Britain has recently issued a series of reports under the general classification "Food Reports No. 24" upon the preparation, composition, and nutritive values of dried milk powders, with special reference to their use in infant feeding. It is stated that this article is coming into rather large use in the preparation of certain foodstuffs and in the feeding of infants. In view of these facts and of certain claims which have been made as to the advantages of this product over ordinary cow's milk, especially from the point of view of freedom from bacteria of a dangerous sort, a somewhat extensive inquiry into the entire subject has been deemed advisable.

History, Manufacture, and Uses.

The first branch of this inquiry related to the use of dried milk in infant feeding and was carried out by Dr. F. J. H. Coutts with the assistance of Prof. Delépine. A brief history of dried milk and of its methods of preparation is first given. It is stated that as early as 1868 "desiccated milk" was an article of commerce. Since that time, and especially during the past 20 years, considerable advance has been made in the methods of preparation, the general purpose being to secure a dry residue by evaporation at the lowest possible temperature and in the shortest time. Most of the processes employed use one or another form of revolving heated drum, upon the surface of which a thin milk layer is spread and from which the dried product is scraped. The most recent processes inject a stream of partially condensed milk into a heated chamber in the form of a fine spray, the evaporation taking place in the air and the dry powder falling to the floor. In the factories the conditions of manufacture, as regards general cleanliness, were found to be excellent. The author, however, does not agree with the commonly expressed view of the desirability of small-scale manufacture upon the farm. He found in many such cases that the most elementary precautions as to cleanliness were being neglected. The importance of placing this industry under the supervision and control of public health officials is emphasized. About 5,000,000 pounds of milk powder were imported into England during 1915 of which one-half came from the United States, and the importance of some form of guarantee as to the conditions of manufacture of imported products is also noted.

The market product is of three main varieties, namely, full-cream, half cream, and skimmed. Certain firms, however, make other

preparations, including some with additional cream. Certain preparations also contain added cane sugar.

Dried milk is used as a basis of certain proprietary infant foods. It is also employed in admixture with cocoa and sugar, with egg powder and sugar as a custard powder, and in various other combinations. Dried milk is said to be used extensively in many of the industries, particularly in the baking and confectionery trades. Reference is also made to a so-called synthetic dried milk made entirely from vegetable materials. The use of the word milk in this connection is considered rather unfortunate. The ethics of labeling and advertisement are discussed, and the investigations showed on the whole a reasonable regard to accuracy, although in some instances advertisements were decidedly objectionable.

Physical and Chemical Characteristics.

The literature on the physical and chemical characteristics of milk powders is quoted at length. Dr. Monier-Williams reported in 1909 upon a sample of whole milk powder, dried upon a drum at $100^{\circ} +$, C. Upon mixing with a small amount of water, stirring until homogeneous, and then adding cold, previously boiled, distilled water to make a 12.5 per cent solution, a product was obtained which did not have the homogeneous appearance of fresh milk. It had a slight smell of boiled milk and the fat separated quickly as a yellow layer at the surface. The curd produced by rennet was flocculent and finely divided; that produced by acetic acid was similar to that produced from normal milk. The reconstituted milk did not contain the active enzymes of fresh milk as shown by the peroxydase reaction. The fat globules viewed under the microscope were in most cases larger than those in fresh milk and there was observed a considerable amount of undissolved proteid. A considerable proportion of the lactalbumen had been converted into a form insoluble in magnesium sulphate. The milk sugar had undergone no alteration. A somewhat extensive compilation of various analyses of milk powders is given. Among the foreign substances found are cane sugar, bicarbonate of soda, various preservatives, coloring matter, starch, foreign fat, dirt, and traces of certain metals.

Bacteriology.

A similar comprehensive review of the literature of the bacteriology of dried milk is given. In view of the small amount of information available, a further investigation was made by the author and 42 samples of commercial preparations were submitted to the Lister Institute. Ten per cent solutions of the powder showed aerobic bacteria growing at 22° C., ranging in numbers from 100 to 757,000 per cc. and at 37° C., from 100 to 892,000 per cc. The results for the most part, however, ranged under 10,000 per cc. in each case. The

presence of streptococci, enteriditis, and *B. coli* was recorded in many of the samples. There was no evidence of tuberculosis in guinea pigs inoculated from these samples.

Investigations made at the factory indicated an enormous reduction in bacteria during the process of drying and a subsequent recontamination during handling and packing. The experiment was tried of running through the drying process a specimen of milk from a tubercular cow and one heavily inoculated with a potato culture of tubercle bacilli. Subsequent inoculations of guinea pigs indicated that living tubercle bacilli may survive the process of manufacture of dried milk, but "the course of the disease produced by the bacteria was very much slower than that of the disease produced in guinea pigs inoculated with the same amount of untreated tubercular milk." No evidence of tubercular infection was obtained by feeding experiments upon four young rabbits.

Infant Feeding.

Upon the basis of a review of the experience of many authorities and of information obtained by personal visits to several large infant feedings stations, the opinion is expressed that when breast feeding is impossible dried milk is a very valuable food for infant feeding. This statement applies, however, only to milk of recent manufacture, made from a good quality of cow's milk under hygienic conditions. It is probably no better than and perhaps slightly inferior to fresh cow's milk, but under the present conditions in cities, and especially in hot weather, it is often desirable to use it in preference to the latter, and this can be safely done without fear of prejudicing the health and progress of the infant. Many infants suffering from digestive troubles show excellent progress on dried milk. Scurvy and rickets are rare in infants fed on this preparation, although the occasional use of fruit juice is desirable.

Increasingly large quantities of milk powder are being used in maternity and child welfare stations supported by public health authorities and voluntary agencies in England and Wales. A list is given of some 75 districts, including some of the principal cities of Great Britain, in which this is the case. At Leicester a dried-milk depot is open every day and consultations are held twice each week. The milk powder is supplied in packages with directions and in three grades, namely, full cream, three-quarters cream, and half cream. The very poor obtain this material at less than cost or even free, while the average purchaser pays a slight margin of profit. Similar details of the operation of some of the other large welfare stations are given.

For administrative purposes, under the "Sale of food and drugs act," milk powders are classed with condensed milk. An extensive bibliography closes the section.

Nutritive Value.

This section is a report of the investigation conducted by George Winfield, M. A., on behalf of the medical research committee. The conclusions are based in part upon observations at infant welfare centers in Leeds and Sheffield and in part on animal feeding experiments. The growth curves of children fed exclusively upon dried milk from birth closely resemble the average growth curve of breast-fed children, although at somewhat lower levels by reason of the more delicate condition of these children. The conclusion is reached "that cow's milk, during the process of desiccation, loses none of the characters which are necessary for the support of normal growth in infants." Teething and walking begin at normal ages, and there is no greater liability of rickets and scurvy. The experiments on rats led to the conclusion that dried milk as a sole food maintains an animal in good health and permits normal growth for periods which long outlast those corresponding with infancy and early childhood in the human subject.

Examination of Milk Powders.

This section of the report, prepared by Sir James Dobbie, Government chemist, presents in detail the methods of chemical examination employed and the analytical results obtained upon a large number of commercial samples of all sorts. These results are summarized in Dr. Coutts's report.

STATE AND FEDERAL COOPERATION IN COMBATING THE VENEREAL DISEASES.

By J. G. WILSON, Passed Assistant Surgeon, United States Public Health Service.

In the Public Health Reports for May 24 an article entitled, "Progress in Venereal Disease Control," showed that the States were rapidly adopting regulations which made these infections notifiable and placed them on much the same footing as other communicable diseases.

Since this article was written further progress has been made. Of the 48 States, 37 now have laws which require notification of the venereal diseases. Most of these States have adopted regulations modeled after suggestions approved by the Surgeons General of the Army, the Navy, and the Public Health Service.¹

Following is a list of 24 States in which definite arrangements have been made to cooperate with the Federal Government by having an officer of the Public Health Service assume charge of venereal

¹ Suggestions for State Board of Health Regulations for the Prevention of Venereal Diseases, approved by the Surgeon General of the Army, the Surgeon General of the Navy, and the Surgeon General of the Public Health Service, Reprint No. 459 from the Public Health Reports, Mar. 29, 1918.

disease control under the joint supervision of the State health department and the United States Public Health Service:

Alabama.	Kentucky.	Montana.
Arizona.	Louisiana.	New Hampshire.
Arkansas.	Maine.	Ohio.
Colorado.	Massachusetts.	Oregon.
Florida.	Minnesota.	Rhode Island.
Georgia.	Mississippi.	South Carolina.
Indiana.	Missouri.	Virginia.
Iowa.	Maryland.	Washington.

In addition to the foregoing, arrangements are being perfected as rapidly as possible with 12 other States whose health officers have expressed a desire to cooperate in the same way.

In most of the 24 States where arrangements have been made for State and Federal cooperation the work is well under way, and in many of them very definite results have already been accomplished. In practically all of these States regulations have been passed which provide ample legal authority for dealing with the problem according to the plan approved by the Surgeons General of the Army, the Navy, and the United States Public Health Service. Consequently the work of the medical officer in charge of venereal-disease control is largely directed toward the organization of the State to carry out the program already agreed upon. The campaign for this organization naturally follows four principal channels, to wit:

(1) Educational: Acquainting the public with the nature of the diseases and the objects desired to be accomplished.

(2) Law enforcement: Securing cooperation of the physicians in reporting cases, and of the police in apprehending prostitutes, vagrants, and such other persons as can be reasonably suspected of having venereal disease in communicable stages.

(3) Propaganda to secure local funds for providing detention homes and hospital facilities for isolation and treatment of venereal-disease carriers who by their habits are a menace to the public health.

(4) Establishment of increased facilities for early diagnosis and treatment.

The following report of progress by Scientific Assistant L. W. Feezer, chief of division of venereal diseases, Minnesota, is a good example of what can be accomplished in a short time by well-directed efforts along the foregoing lines:

ST. PAUL, MINN., June 11, 1918.

SURGEON GENERAL,

United States Public Health Service, Washington, D. C.

SIR: The following is submitted as a summary of the activities of the Minnesota State Board of Health in connection with the control of venereal diseases during the month of May, 1918:

Reporting of Cases.

A few scattered reports of cases of gonorrhea and syphilis have been voluntarily made by physicians. The official reporting card to be used for making such reports has not yet been received from the printers, and it is not the intention to require such reports until the necessary forms can be supplied. The report card will constitute the back cover of a pamphlet of information and instructions which the physician is required to give the patient at the time he first comes for treatment.

A survey was made of the prisoners in the Minneapolis city workhouse on Sunday, May 26. The survey consisted of the examination of 187 prisoners, 42 women and 145 men, for the detection of venereal disease. The examinations were made with the assistance of a number of internes and nurses from the State University Hospital and was done under the supervision of Dr. H. G. Irvine, director of the division of venereal diseases. A Wassermann was taken in each case. Smears were made from all women and from men who showed a discharge. The results were as follows:

	Wassermann's positive.	Active gonorrhea.
Males.....	50	7
Females.....	19	14

Treatment.

The city workhouse of Minneapolis has made arrangements for treatment of venereal cases in its custody. A physician has already been employed, who will give half of his time to this work, and facilities are being provided for the treatment of a considerable number of cases at one time in the workhouse buildings. Particularly in the case of women prisoners is it necessary to have proper facilities.

The city of St. Paul, through the department of public safety, has likewise undertaken to provide the necessary equipment and personnel for treating city prisoners, especially those held for offenses involving prostitution. The city architect has prepared the plans for a treatment room in accordance with suggestions from the State Board of Health. The University Hospital has agreed to place at the disposal of the syphilis clinic 12 beds for the treatment of cases requiring hospital care.

Distribution of Arsphenamine.

In accordance with the plans for supplying free arsphenamine to competent physicians for the treatment of indigent syphilitics in the infectious stage of the disease and to dispensaries and hospitals complying with certain standards for similar use, arsphenamine has been supplied to the University Hospital Dispensary, the Minneapolis City Workhouse physician, and the St. Paul City and County Hospital, in all 170 ampules.

Educational Work.

Twenty-five thousand pamphlets have been procured and are being distributed to all applicants. Several hundred signs have been posted in public toilets and 3,000 more are in preparation.

Two courses of lectures have been held at the State university, one for juniors and seniors and one for graduate students. Five courses of 10 lectures each have been introduced into each of the 5 State normal schools. These have reached 2,000 students, all of whom will become teachers within a year. Courses of lectures by two members of the staff of the division have been arranged for the university summer school to begin in June. Circular letters have been sent to the Women's Council of National Defense in each county and to the Parents and Teachers Associations in the Twin

Cities. Five lectures have been given in the Minneapolis City Hospital to student nurses, and an educational motion-picture film has been shown to teachers in St. Paul and Minneapolis.

A series of six articles explaining the State and Federal campaign for control of venereal diseases is now in process of publication in one of the city papers, and a Duluth paper has asked for a similar series.

Members of the divisional staff have addressed the 3 county medical societies, 2 rotary clubs and approximately 25 women's clubs.

Law Enforcement.

As a result of a conference between officers of this department, municipal judges and police authorities, the municipal courts of the Twin Cities have agreed to hold persons arrested for offenses involving prostitution, without the option of bail, for medical examination, and the imposition of workhouse sentences without the option of fine has been made the routine punishment for all such cases.

Reports from military authorities of sources of infection of soldiers have been reported to police authorities, and in some cases have led to arrest and sentence. A number of persons so arrested are now under treatment.

Through the social service agencies of this division, prostitutes reported as having infected soldiers have been located and in certain instances examinations have been made and treatment instituted. The social worker and protective officer have investigated the matter of soliciting and prostitution in parks and regions adjoining the military training places and other amusement places.

Summary.

Summarized, the innovations made by the city authorities in the Twin Cities as a result of the activities of this board are as follows:

Minneapolis: Three men added to the park police force, employment of workhouse physician, provision of funds for treatment, room and equipment at workhouse. Discontinuance of fine and bail privileges in cases of arrest for offenses involving prostitution. Uniform workhouse punishment for offenses involving prostitution. Assignment of beds for dispensary treatment of syphilis at University Hospital.

St. Paul: Provision for treatment of cases held at workhouse. Provision for control and equipment for the treatment rooms at the workhouse. Medical examination of persons arrested for offenses involving prostitution. Discontinuance of fines and bail and uniform workhouse sentences in cases of arrest involving prostitution.

Respectfully,

L. W. FREEZER,
Scientific Assistant.

PREVALENCE OF DISEASE.

No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring.

UNITED STATES.

EXTRA-CANTONMENT ZONES—CASES REPORTED WEEK ENDED JUNE 25.

CAMP BEAUREGARD ZONE, LA.		CAMP DODGE ZONE, IOWA—continued.	
Leprosy:	Cases.	Des Moines—Continued.	Cases
Alexandria.....	1	Pneumonia.....	6
Malaria:		Scarlet fever.....	4
Alexandria.....	8	Smallpox.....	5
Pineville.....	2	Tuberculosis.....	1
Ball.....	1	Whooping cough.....	5
Tioga.....	1	Grimes:	
Mumps:		Scarlet fever.....	2
Alexandria.....	22	CAMP EBERTS ZONE, ARK.	
Pellagra:		Chancroid:	
Boyce.....	2	Cabot.....	1
Smallpox:		Dysentery:	
Alexandria.....	2	Cabot.....	10
Tuberculosis:		Gonorrhea:	
Alexandria.....	1	England.....	1
Pineville.....	1	Malaria:	
Typhoid fever:		Lonoke, route 3.....	1
Alexandria.....	1	England, route 2.....	3
Boyce.....	1	Cabot.....	4
Pineville.....	2	Carlisle.....	6
Whooping cough:		Keo.....	1
Alexandria.....	12	Measles:	
CAMP DEVENS ZONE, MASS.		Cabot.....	1
Measles:		Keo.....	2
Littleton.....	1	Pellagra:	
Westford.....	2	England, route 1.....	1
Mumps:		Pettus.....	1
Lancaster.....	3	Scotts, route 3.....	1
Whooping cough:		Smallpox:	
Littleton.....	5	Scotts, route 3.....	2
Shirley.....	3	Tonsillitis:	
CAMP DIX ZONE, N. J. ¹		Cabot.....	1
Tuberculosis:		Tuberculosis:	
Pemberton Township.....	1	Carlisle.....	2
CAMP DODGE ZONE, IOWA.		Scotts, route 1.....	1
Des Moines:		Scotts, route 2.....	1
Conjunctivitis.....	2	Whooping cough:	
Diphtheria.....	8	Cabot.....	6
Measles.....	8	CAMP FUNSTON ZONE, KANS.	
Mumps.....	6	Mumps:	
		Junction City.....	1
		Manhattan.....	2

¹ Report for week ended June 22, 1918.

CAMP FUNSTON ZONE, KANS.—continued.

Tuberculosis:	Cases.
Junction City.....	1
Whooping cough:	
Ogden.....	4

CAMP GORDON ZONE, GA.

Atlanta:	
German measles.....	2
Gonorrhea.....	11
Malaria.....	3
Measles.....	1
Mumps.....	11
Pneumonia.....	1
Smallpox.....	3
Scarlet fever.....	2
Syphilis.....	5
Tuberculosis.....	12
Typhoid fever.....	3
Whooping cough.....	10
Chamblee:	
Mumps.....	1
Scottdale:	
Dysentery.....	1

CAMP GREENE ZONE, N. C.

Charlotte Township:	
Chancroid.....	3
Gonorrhea.....	29
Measles.....	3
Mumps.....	1
Scarlet fever.....	14
Syphilis.....	25
Tuberculosis.....	2
Typhoid fever.....	5
Whooping cough.....	22

GULFPORT HEALTH DISTRICT, MISS.

Gulfport health district:	
Dysentery.....	1
Malaria.....	8
Measles.....	1
Mumps.....	2
Pellagra.....	1
Syphilis.....	1
Tuberculosis.....	3
Typhoid fever.....	6
Whooping cough.....	6

CAMP HANCOCK ZONE, GA.

Augusta:	
Gonorrhea.....	1
Malaria.....	2
Measles.....	3
Tuberculosis.....	2
Typhoid fever.....	4
Whooping cough.....	7

CAMP JACKSON ZONE, S. C.¹

Columbia:	
Chicken pox.....	1
Diphtheria.....	1
Measles.....	1
Mumps.....	5
Whooping cough.....	16

CAMP JOSEPH E. JOHNSTON ZONE, FLA.

Chancroid:	Cases.
Jacksonville.....	6
Youkon.....	1
Chicken pox:	
Jacksonville.....	1
Lackawanna.....	1
Fishers Corner.....	2
Dysentery:	
Brantwood.....	1
Jacksonville.....	2
Lackawanna.....	1
Gonorrhea:	
Jacksonville.....	47
Hookworm:	
Fishers Corner.....	1
Lackawanna.....	6
Malaria:	
Jacksonville.....	4
South Jacksonville.....	1
Mumps:	
Jacksonville.....	2
Lackawanna.....	1
Syphilis:	
Jacksonville.....	34
Trachoma:	
Lackawanna.....	1
Tuberculosis:	
Jacksonville.....	14
Typhoid fever:	
Fishers Corner.....	2
Jacksonville.....	4
Lackawanna.....	2
Whooping cough:	
Fishers Corner.....	5
Jacksonville.....	21
Panama.....	6
South Jacksonville.....	1

FORT LEAVENWORTH ZONE, KANS.

Leavenworth:	
Diphtheria.....	4
German measles.....	1
Gonorrhea.....	3
Leavenworth County:	
Diphtheria.....	1
Measles.....	5
Scarlet fever.....	21

CAMP LEE ZONE, VA.

Chancroid:	
Petersburg.....	3
Diphtheria:	
Petersburg.....	1
Gonorrhea:	
Petersburg.....	43
Malaria:	
Petersburg.....	1
Mumps:	
Ettricks.....	5
Hopewell.....	3
Syphilis:	
Petersburg.....	19
Tuberculosis:	
Petersburg.....	1

¹ Report for week ended June 22, 1918.

CAMP LEE ZONE, VA.—continued.

Typhoid fever:	Cases.
Hopewell.....	1
Petersburg.....	1
Whooping cough:	
Ettricks.....	1
Hopewell.....	4
Petersburg.....	2

CAMP LEWIS ZONE, WASH.

German measles:	
Lake City.....	1
Mumps:	
Parkland.....	3
Steilacoom.....	2
Scarlet fever:	
Steilacoom.....	1

CAMP LOGAN ZONE, TEX.

Houston:	
Gonorrhea.....	13
Pneumonia.....	1
Syphilis.....	16
Tuberculosis.....	5
Typhoid fever.....	5
Humble:	
Syphilis.....	1
Magnolia Park:	
Tuberculosis.....	1

CAMP M'ARTHUR ZONE, TEX.

Waco:	
Chicken pox.....	2
Diphtheria.....	1
Gonorrhea.....	2
Malaria.....	1
Mumps.....	2
Syphilis.....	1
Tuberculosis.....	1
Typhoid fever.....	4

CAMP M'CLELLAN ZONE, ALA.

Chicken pox:	
Precinct 20.....	2
Diphtheria:	
Anniston.....	1
Pellagra:	
Anniston.....	2
Pneumonia:	
Anniston.....	3
Precinct 15.....	1
Tuberculosis:	
Anniston.....	1
Blue Mountain.....	1
Jacksonville.....	1
Piedmont.....	3
Typhoid fever:	
Anniston.....	1
Blue Mountain.....	1
Precinct 23.....	1

NORFOLK COUNTY NAVAL DISTRICT, VA.

Chancroid:	
Lincoln Park.....	1
Diphtheria:	
Norfolk County.....	1

NORFOLK COUNTY NAVAL DISTRICT, VA.—contd.

Dysentery:	Cases.
Expo.....	1
Gonorrhea:	
Norfolk.....	10
Portsmouth.....	2
Malaria:	
Brighton.....	1
Norfolk County.....	2
Measles:	
Norfolk.....	3
South Norfolk.....	1
Mumps:	
Quartermaster Terminal.....	1
Smallpox:	
Norfolk.....	1
Syphilis:	
Norfolk.....	3
Portsmouth.....	1
Tuberculosis:	
Portsmouth.....	2
South Norfolk.....	2
Typhoid fever:	
Mount Hermon.....	1
Norfolk.....	2
Norfolk County.....	1
Portsmouth.....	1
Whooping cough:	
Brighton.....	1
Campostella.....	1
Norfolk.....	2
Ocean View.....	4
Portsmouth.....	2

PORT OGLETHORPE ZONE, GA.

Chattanooga:	
Gonorrhea.....	25
Scarlet fever.....	1
Smallpox.....	1
Syphilis.....	11
Whooping cough.....	30
North Chattanooga:	
Paratyphoid.....	1
St. Elmo:	
Syphilis.....	1

CAMP PIKE ZONE, ARK.

Dysentery:	
Little Rock.....	2
Gonorrhea:	
Little Rock.....	5
North Little Rock.....	4
Camp Pike.....	2
Scotts.....	1
Malaria:	
Little Rock.....	10
North Little Rock.....	4
Galloway.....	1
Outside of county.....	2
Scarlet fever:	
Little Rock.....	1
Syphilis:	
Little Rock.....	9
Scotts.....	2
Typhoid fever:	
Little Rock.....	2

CAMP SEVIER ZONE, S. C.

	Cases.
Dysentery:	
Chick Springs Township.....	1
Mumps:	
Chick Springs Township.....	1
Smallpox:	
Greenville Township.....	1
Tuberculosis:	
Greenville Township.....	1
Typhoid fever:	
Greenville Township.....	1
Whooping cough:	
Butler Township.....	1

CAMP SHELBY ZONE, MISS.

Hattiesburg:	
Malaria.....	10
Measles.....	1
Venereal.....	1
Typhoid fever.....	1
Whooping cough.....	3
Laurel:	
Cerebrospinal meningitis.....	1

CAMP SHERIDAN ZONE, ALA.

Montgomery:	
Gonorrhea.....	16
Malaria.....	4
Syphilis.....	10
Tuberculosis, pulmonary.....	2
Typhoid fever.....	2
Montgomery County:	
Diphtheria.....	1
Typhoid fever.....	2
United States Government Clinic:	
Chancroid.....	5
Gonorrhea.....	16
Syphilis.....	9

CAMP SHERMAN ZONE; OHIO.

Chillicothe:	
Diphtheria.....	8
Tuberculosis, pulmonary.....	9
Liberty Township:	
Chicken pox.....	1
Measles.....	1
United States Government Clinic:	
Gonorrhea.....	1
Syphilis.....	3

CAMP ZACHARY TAYLOR ZONE, KY.

Cerebrospinal meningitis:	
Louisville.....	1
Diphtheria:	
Louisville.....	6
Gonorrhea:	
U. S. Government clinic.....	43
Measles:	
Jefferson County.....	3
Mumps:	
Louisville.....	1
Syphilis:	
U. S. Government clinic.....	31
Trachoma:	
Louisville.....	1

CAMP ZACHARY TAYLOR ZONE, KY.—continued.

Tuberculosis, pulmonary:	Cases.
Louisville.....	5
Clark County, Ind.....	1
Typhoid fever:	
Louisville.....	4
Jefferson County.....	2
Jeffersonville.....	1
Whooping cough:	
Louisville.....	4

TIDEWATER HEALTH DISTRICT, VA.

Hampton:	
Scarlet fever.....	1
Newport News:	
Chancroid.....	5
Gonorrhea.....	8
Syphilis.....	3
Smallpox.....	1
Typhoid fever.....	1
Phoebe:	
Pellagra.....	1
Whooping cough.....	7

CAMP TRAVIS ZONE, TEX.

San Antonio:	
Cerebrospinal meningitis.....	2
Chancroid.....	3
Gonorrhea.....	27
Malaria.....	1
Measles.....	2
Mumps.....	2
Syphilis.....	18
Tuberculosis.....	6
Typhoid fever.....	9
Whooping cough.....	1

CAMP WADSWORTH ZONE, S. C.

Saxon Mills:	
Tuberculosis.....	1
Spartanburg:	
Diphtheria.....	1
Gonorrhea.....	8
Measles.....	4
Mumps.....	8
Syphilis.....	7
Typhoid fever.....	2
Whooping cough.....	10

CAMP WHEELER ZONE, GA.

Bibb County:	
Pneumonia.....	1
Macon:	
Chicken pox.....	1
Gonorrhea.....	1
Malaria.....	4
Pellagra.....	1
Pneumonia.....	3
Smallpox.....	1
Tuberculosis.....	1
Typhoid fever.....	5
U. S. Government Clinic:	
Gonorrhea.....	15
Syphilis.....	7

DISEASE CONDITIONS AMONG TROOPS IN THE UNITED STATES.

The following data are taken from telegraphic reports received in the office of the Surgeon General, United States Army, for the week ended June 14, 1918:

Annual admission rate per 1,000 (disease only):		Annual death rate per 1,000 (disease only):	
All troops.....	987.2	All troops.....	3.31
Divisional camps.....	978	Divisional camps.....	2.9
Cantonments.....	1,044.4	Cantonments.....	4.89
Departmental and other troops.....	930.6	Departmental and other troops.....	1.86
Noneffective rate per 1,000 on day of report:			
All troops.....	38.3		
Divisional camps.....	35.4		
Cantonments.....	44.6		
Departmental and other troops.....	33.2		

New cases of special diseases reported during the week ended June 14, 1918.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only.)	Noneffective per 1,000 on day of report.
				Total.	New infections.						
Beauregard.....			26	52	3	2			1	815.8	43.4
Bowie.....	1	4	3	54	39	2				716.7	25.5
Cody.....	27			23	3	12			4	942.2	22.2
Doniphan.....				25					3	1,816.3	44.3
Fremont.....	15			13	1	18	1	1	3	923.5	39.5
Hancock.....	1			19					1	808.2	41.5
Kearny.....	2			2		3			1	413.4	19.5
Logan.....	3			17		3				1,916.2	83.5
MacArthur.....	3				6	6			1	1,506.9	45.0
McClellan.....	4		2	13	6	1				634.8	39.5
Sevier.....	10	1		56	16	21			1	876.7	50.6
Shelby.....				14	6	1				948.8	49.2
Sheridan.....	3		4	26		17			2	802.2	37.7
Wadsworth.....	2		3	573	12	13			1	1,711.3	27.8
Wheeler.....	8			68	4				3	696.8	29.8
Custer.....	4		1	65	6	16	1		1	496.0	20.3
Devens.....	10			35	5	19			4	582.7	36.3
Dix.....	8		1	94	1		2		3	625.5	36.8
Dodge.....	6		1	138		29		1	7	1,457.9	61.1
Funston.....	1			69	2	4		1	4	792.8	53.6
Gordon.....	6			577	5	18		1	5	2,606.1	65.0
Grant.....	3		2	17	1	15	2		2	396.2	16.9
Jackson.....	10			259	1	76			5	1,645.5	50.7
J. E. Johnston.....	6		3	20	13	15	1		1	985.5	37.8
Lee.....	3		1	219		29	1		2	781.7	62.0
Lewis.....	17			175	5	18		8	8	1,013.7	33.9
Meade.....	2			10	8	3			4	583.8	26.9
Pike.....	12		29	53	4	26	1		5	1,496.3	60.4
Sherman.....	1			95		2	2		2	1,314.8	73.4
Taylor.....	4			43	1	44			3	951.0	58.2
Travis.....	3	6	8	28		11			2	1,562.3	49.1
Upton.....	11			132	12	2	2		4	643.1	34.7
Northeastern Department.....			2	27	10	5			3	791.6	27.8
Eastern Department.....			2	205	70	18			2	758.3	21.7
Southeastern Department.....	9			38	23	1			1	923.5	37.3
Central Department.....			1	51	26	18		7	3	1,241.1	39.5
Southern Department.....	7		10	128	46	5	2	2	4	809.5	32.5
Western Department.....	1		1	111	40	6	1	7	2	681.3	26.8

New cases of special diseases reported during the week ended June 14, 1918—Contd.

Camp.	Pneumonia.	Dysentery.	Malaria.	Venereal.		Measles.	Meningitis.	Scarlet fever.	Deaths.	Annual admission rate per 1,000 (disease only.)	Noneffective per 1,000 on day of report.
				Total.	New infections.						
Air Service.....	6	12	3	160	.....	16	3	1	12	1,035.4	30.0
Alcatraz Disciplinary Barracks.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	314.2	9.0
Columbus Barracks.....	.....	.....	.....	7	.....	1	.....	.....	.....	394.7	35.9
Edgewood Arsenal.....	.....	.....	.....	1	1	.....	.....	.....	.....	303.8	10.4
Hoboken.....	8	2	5	302	8	29	1	4	3	940.6	37.1
Jefferson Barracks.....	3	.....	.....	91	5	4	.....	2	.....	1,477.5	90.5
Leavenworth Disciplinary Barracks.....	.....	.....	.....	.....	.....	1	.....	.....	.....	884.0	34.4
Logan, Fort.....	3	.....	.....	2	.....	1	.....	.....	.....	1,504.4	76.4
McDowell, Fort.....	3	.....	.....	16	2	.....	.....	.....	.....	2,243.5	105.8
Newport News.....	2	.....	5	103	5	6	.....	.....	2	976.2	41.8
Slocum, Fort.....	.....	.....	.....	27	.....	.....	.....	.....	.....	865.4	75.7
Springfield Armory.....	.....	.....	.....	1	.....	.....	.....	.....	.....	500.8	9.8
Thomas, Fort.....	.....	.....	1	10	.....	5	.....	.....	.....	1,124.1	41.8
Watervliet.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	135.4	15.6
West Point.....	.....	.....	.....	1	.....	.....	.....	.....	.....	328.1	8.8
Greenleaf.....	1	.....	2	35	.....	22	.....	.....	1	1,159.8	59.9
War Prisoners Barracks No. 1.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	165.1	9.5
Keogh, Fort.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	349.0	6.7
Watertown Arsenal.....	.....	.....	.....	1	.....	.....	.....	.....	.....	706.2	8.5
Total.....	230	25	127	4,312	390	563	20	36	115	1,987.2	138.3

¹ All troops.

Annual rate per 1,000 for special diseases.

Diseases.	All troops in United States. ¹	Departmental and other troops. ¹	Divisional camps. ¹	Cantonments. ¹	Expeditionary forces. ¹
Pneumonia.....	8.57	4.32	13.5	9.87	10.8
Dysentery.....	.93	1.37	.8	.55	.2
Malaria.....	4.73	3.34	7.9	4.34	.9
Venereal.....	160.7	129.4	163.8	188.4	38.4
Paratyphoid.....	.....	.....	.....	.....	.08
Typhoid.....	.04	.....	.17	.....	.....
Measles.....	21.0	13.6	17.0	30.5	8.5
Meningitis.....	.74	.69	.3	1.01	1.7
Scarlet fever.....	1.34	2.26	.17	1.1	2.2

¹ Week ended June 14, 1918.

² Week ended June 7, 1918.

CURRENT STATE SUMMARIES.

California.

From the State Board of Health of California, by telegraph, for week ended June 22, 1918:

Most communicable diseases reduced in prevalence. Increase in gonococcus infection and syphilis. Typhoid fever begins its seasonal rise; 24 cases during week, well distributed over the State, except in Imperial County, where many cases reported. One case poliomyelitis in San Diego. Two cases human anthrax; 1 in Amador and 1 in Tuolumne County. Four cases epidemic cerebrospinal meningitis; 1 Los Angeles and 3 San Francisco. Twenty-two cases of smallpox; well scattered throughout the State.

Reported by mail for preceding week (ended June 15):

Cerebrospinal meningitis.....	1	Pneumonia.....	42
Chicken pox.....	129	Poliomyelitis.....	2
Diphtheria.....	54	Scarlet fever.....	51
Erysipelas.....	7	Smallpox.....	18
German measles.....	66	Syphilis.....	36
Gonococcus infection.....	60	Tetanus.....	1
Malaria.....	4	Trachoma.....	2
Measles.....	457	Tuberculosis.....	131
Mumps.....	132	Typhoid fever.....	12
Pellagra.....	2	Whooping cough.....	128

Connecticut.

From Collaborating Epidemiologist Black, by telegraph, for week ended June 22, 1918:

Typhoid fever: Stratford 2, Waterbury 3, total in State 10. Cerebrospinal meningitis: New Britain 1, Waterbury 1. Diphtheria: New London 7, total in State 36. Scarlet fever: New Britain 10, total in State 27. Smallpox: South Windsor 1.

Illinois.

From Collaborating Epidemiologist Drake, by telegraph, for week ended June 22, 1918:

Diphtheria: One hundred and forty-four, of which in Chicago 121, Chicago Heights, 5. Scarlet fever: Fifty, of which in Chicago 31. Smallpox: Thirty-five in Alton, 3 Springfield. Meningitis: Chicago 4. Poliomyelitis: Six, of which in Kewanee Township (Henry County), 1, Okawville Township (Washington County) 1, Chicago 4.

Indiana.

From the State Board of Health of Indiana, by telegraph, for week ended June 22, 1918:

Typhoid fever: South Bend 3 cases. Smallpox: Princeton 3 cases.

Louisiana.

From Collaborating Epidemiologist Dowling, by telegraph, for week ended June 22, 1918:

Infantile paralysis 1, meningitis 1, typhoid fever 65, diphtheria 69, malaria 74.

Massachusetts.

From Collaborating Epidemiologist Hitchcock, by telegraph, for week ended June 22, 1918:

Unusual prevalence. Measles: Fitchburg 64, Haverhill 24, Lawrence 55, Northampton 17, Stoughton (total in June) 25, Waltham 28.

Minnesota.

From Collaborating Epidemiologist Bracken, by telegraph, for week ended June 22, 1918:

Smallpox, new foci: Lesueur County, Tyrone Township; McLeod County, Rich Valley Township; Washington County, Dayton Township; Wilkin County, Champion Township; each 1 case. Wright County, Cokato Village, 5. One poliomyelitis report since June 17.

Nebraska.

From the State Board of Health of Nebraska, by telegraph, for week ended June 22, 1918:

Smallpox at Neligh.

New Jersey.

From Collaborating Epidemiologist Bowen, by telegraph, for week ended June 22, 1918:

Unusual prevalence. Measles: Asbury Park. Smallpox: Paulsboro.

Virginia.

From the State Board of Health of Virginia, by telegraph, for week ended June 22, 1918:

Several cases smallpox Bedford County, 1 Norfolk.

Washington.

From the State Board of Health of Washington, by telegraph, for week ended June 22, 1918:

One cerebrospinal meningitis South Bend. Thirty-one scarlet fever Tacoma, 19 Seattle. Nine cases smallpox Farmington (Whitman County), and 4 cases Chewela (Stevens County).

RECIPROCAL NOTIFICATION.

Minnesota.

Cases of communicable diseases referred during May, 1918, to other State health departments by department of health of the State of Minnesota.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Cerebrospinal meningitis: Minneapolis Health Department, Hennepin County.	Doland, Spink County, S. Dak.....	Rural school-teacher near Doland came to Minneapolis May 4, taken sick May 7. Meningococci demonstrated.
Smallpox: Willmar, Kandiyohi County.	Omaha, Douglas County, Nebr.....	Taken sick 5 days after a visit of 2 months in Nebraska.
Minneapolis Health Department, Hennepin County.	Kansas City, Jackson County, Mo.....	Taken sick in Minneapolis 5 days after exposure to smallpox in Missouri.
	Crosby, Divide County, N. Dak.....	Traveling salesman quarantined on arrival in Minnesota from North Dakota, where he exposed persons in several different places.
	Fessenden, Wells County, N. Dak.....	
	Berwick, McHenry County, N. Dak.....	Quarantined on arrival in Minnesota from South Dakota; exposed 8 persons on train.
	Hamberg, Wells County, N. Dak.....	
	Fargo, Cass County, N. Dak.....	
	Chicago, Cook County, Ill.....	
	Baxter, Jasper County, Iowa.....	
	Wilkinsburg, Allegheny County, Pa.....	
	Meadow, Perkins County, S. Dak.....	
	Lemmon, Perkins County, S. Dak.....	
	New Richmond, St. Croix County, Wis.....	
	Rochester, Olmsted County, Minn.....	
	La Crosse, La Crosse County, Wis.....	
	Lewiston, Nez Perce County, Idaho.....	
	Phillipsburg, Granite County, Mont.....	
	Brooklyn, Kings County, N. Y.....	
	Sawyer, Ward County, N. Dak.....	
	Trojan, Lawrence County, S. Dak.....	
	Milwaukee, Milwaukee County, Wis.....	4 advanced, 5 moderately advanced, 1 fibroid case, 1 apparently arrested; cases left Mayo Clinic for homes.
	New Lisbon, Juneau County, Wis.....	
	Rhineland, Oneida County, Wis.....	
	Butternut, Ashland County, Wis.....	
	Casper, Natrona County, Wyo.....	
	Red Deer, Alberta, Canada.....	
Tuberculosis: Mayo Clinic, Rochester, Olmsted County.		

Cases of communicable diseases referred during May, 1918, to other State health departments by department of health of the State of Minnesota—Continued.

Disease and locality of notification.	Referred to health authority of—	Why referred.
Tuberculosis—Continued.		
Pohegama Sanatorium, Pine County.	Hanlontown, Worth County, Iowa.... Ambrose, Divide County, N. Dak..... Fairdale, Walsh County, N. Dak..... Aberdeen, Brown County, S. Dak..... Denzil, Saskatchewan, Canada.....	1 removal on account of death, and 4 cases left Pohegama Sanatorium in an improved condition for homes.
Thomas Hospital, Minneapolis, Hennepin County.	Flandreau, Moody County, S. Dak..... Wautoma, Waushara County, Wis.....	1 incipient and 1 moderately advanced case left Thomas Hospital for homes.
State Reformatory, St. Cloud, Stearns County.	Springfield, Bon Homme County, S. Dak.	An apparently arrested case left reformatory for home in South Dakota.
Typhoid fever:		
Abbott Hospital, Minneapolis, Hennepin County.	Eau Clair, Eau Clair County, Wis.....	Convalescent typhoid case left Minnesota for Wisconsin.
Minneapolis Health Department, Hennepin County.	Chelsea, Taylor County, Wis.....	Typhoid case brought for treatment to Minneapolis from Wisconsin.

CEREBROSPINAL MENINGITIS.

State Reports for April and May, 1918.

Place.	New cases reported.	Place.	New cases reported.
California (May):		Montana (May):	
San Francisco.....	6	Sanders County.....	1
Alameda County—			
Berkeley.....	1	New York (May):	
San Mateo County.....	1	Albany County—	
San Joaquin County.....	1	Albany.....	4
Tulare County—		Broome County—	
Lindsay.....	2	Binghamton.....	1
Los Angeles County—		Cattaraugus County—	
Los Angeles.....	4	Allegany.....	1
San Diego County.....	1	Eric County—	
San Diego.....	3	Buffalo.....	3
Kern County—		Herkimer County—	
Bakersfield.....	1	Litt'e Falls (town).....	1
Riverside County—		Monroe County—	
Riverside.....	1	Rochester.....	2
Total.....	21	Onondaga County—	
Connecticut (April):		Syracuse.....	1
Fairfield County—		Rensselaer County—	
Bridgeport.....	1	Troy.....	1
Hartford County—		Rockland County—	
Hartford.....	2	Suflern.....	2
Windsor Locks.....	1	Schenectady County—	
New Haven County—		Schenectady.....	1
Naugatuck.....	1	Wayne County—	
New Haven.....	3	Newark.....	1
Wallingford.....	1	Westchester County—	
Waterbury.....	2	Bedford (town).....	1
New London County—		Total.....	19
Ledyard.....	1	Rhode Island (May):	
Lyme.....	1	Providence County.....	10
New London.....	1	Newport County.....	1
Windham County—		Total.....	11
Sterling.....	1	West Virginia (May):	
Total.....	15	Ohio County.....	2
Louisiana (May):		Wisconsin (May):	
Allen Parish.....	1	Dane County.....	1
Cadwell Parish.....	1	Lincoln County.....	1
Evangeline Parish.....	1	Milwaukee County.....	13
Grant Parish.....	1	Oneida County.....	3
Orleans Parish.....	4	Sherborn County.....	1
Ouachita Parish.....	1	Waupaca County.....	1
Rapides Parish.....	2	Winnebago County.....	1
St. Martin Parish.....	1	Total.....	26
Total.....	12		

CEREBROSPINAL MENINGITIS—Continued.

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Amsterdam, N. Y.	1	.....	Kansas City, Kans.	1	.....
Astoria, Oreg.	1	1	Little Rock, Ark.	1	.....
Baltimore, Md.	3	5	Los Angeles, Cal.	1	1
Bethlehem, Pa.	1	.....	Louisville, Ky.	1	2
Boston, Mass.	2	1	Lowell, Mass.	1	1
Bridgeport, Conn.	1	.....	Milwaukee, Wis.	1	1
Cambridge, Mass.	2	.....	New York, N. Y.	7	4
Cedar Rapids, Iowa	1	.....	Philadelphia, Pa.	3	1
Charleston, W. Va.	.....	1	Pittsburgh, Pa.	1	.....
Chattanooga, Tenn.	.....	.....	Pittsfield, Mass.	.....	1
Chicago, Ill.	2	2	Providence, R. I.	.....	4
Cleveland, Ohio	3	1	St. Louis, Mo.	.....	1
Covington, Ky.	.....	1	Troy, N. Y.	1	.....
Dayton, Ohio	.....	1	Washington, D. C.	.....	1
Detroit, Mich.	1	.....	Washington, Pa.	1	.....
Duluth, Minn.	.....	1	Worcester, Mass.	.....	1
Evansville, Ind.	1	1	York, Pa.	1	.....
Galveston, Tex.	.....	1			

DIPHTHERIA.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1080.

ERYSIPELAS.

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Akron, Ohio.	1	.....	Marshall, Tex.	1	.....
Bakersfield, Cal.	1	.....	Minneapolis, Minn.	1	.....
Baltimore, Md.	1	.....	Moline, Ill.	1	1
Belleville, N. J.	1	.....	Newark, N. J.	3	.....
Buffalo, N. Y.	1	.....	New York, N. Y.	.....	5
Chicago, Ill.	8	2	Omaha, Nebr.	2	.....
Cleveland, Ohio	1	.....	Pasadena, Cal.	1	.....
Denver, Colo.	5	.....	Philadelphia, Pa.	9	3
Detroit, Mich.	1	.....	Portland, Oreg.	2	.....
Duluth, Minn.	1	.....	Sacramento, Cal.	1	.....
Fond du Lac, Wis.	.....	1	St. Louis, Mo.	1	.....
Jackson, Mich.	2	.....	St. Paul, Minn.	2	1
Kansas City, Mo.	.....	2	San Diego, Cal.	2	1
Los Angeles, Cal.	1	.....	Syracuse, N. Y.	.....	1
Louisville, Ky.	1	1	Tacoma, Wash.	1	.....

LEPROSY.

City Reports for Week Ended June 8, 1918.

During the week ended June 8, 1918, one case of leprosy at each of the following places was reported: Abilene, Tex.; Boston, Mass.; Bridgeport, Conn.; New Orleans, La. There was also one death from this disease reported at New Orleans, La.

MALARIA.

State Reports for May, 1918.

Place.	New cases reported.	Place.	New cases reported.
California:		Louisiana:	
Alameda County—		Acadia Parish.....	11
Berkeley.....	1	Allen Parish.....	1
Butte County.....	11	Assumption Parish.....	9
Chico.....	3	Avoyelles Parish.....	1
Calaveras County.....	2	Beauregard Parish.....	2
Colusa County.....	5	Caldwell Parish.....	1
Colusa.....	2	Calcasieu Parish.....	2
Glenn County.....	6	De Soto Parish.....	5
Los Angeles County—		East Feliciana Parish.....	10
Los Angeles.....	1	Jefferson Davis Parish.....	4
Merced County—		Lafayette Parish.....	1
Merced.....	2	Morehouse Parish.....	1
Placer County.....	1	Ouachita Parish.....	26
Lincoln.....	2	Rapides Parish.....	111
Rocklin.....	1	St. Charles Parish.....	12
San Francisco County.....	1	St. John the Baptist Parish.....	12
Presidio.....	1	St. Martin Parish.....	6
San Joaquin County.....	1	St. Mary Parish.....	13
Stockton.....	1	St. Tammany Parish.....	43
Solano County—		Tangipahoa Parish.....	1
Benicia.....	3	Tensas Parish.....	17
Stanislaus County—		Vermilion Parish.....	12
Oakdale.....	2		
Tehama County—		Total.....	391
Corning.....	1		
Tulare County.....	1		
Yolo County—			
Woodland.....	1		
Yuba County.....	1		
Marysville.....	1		
Total.....	51		

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, Ga.....	3		Memphis, Tenn.....	3	1
Atlanta, Ga.....	2		New Orleans, La.....	5	
Birmingham, Ala.....	2		North Little Rock, Ark.....	2	
Camden, N. J.....	2		Palestine, Tex.....	3	
Cape Girardeau, Mo.....	4		Petersburg, Va.....	1	
Cogswick, Tex.....	1		Richmond, Va.....	1	
Dedham, Mass.....	1		Rocky Mount, N. C.....	1	
Hattiesburg, Miss.....	18		Sedalia, Mo.....	4	
Little Rock, Ark.....	6		Trenton, N. J.....	1	
Macon, Ga.....	1	1	Tuscaloosa, Ala.....	3	1
Marshall, Tex.....	2				

MEASLES.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1080

PELLAGRA.

State Reports for May, 1918.

Place.	New cases reported.	Place.	New cases reported.
California:		Louisiana—Continued.	
Los Angeles County.....	1	Morehouse Parish.....	10
Los Angeles.....	1	Orleans Parish.....	6
La Verne.....	1	Ouachita Parish.....	3
Total.....	3	Rapides Parish.....	1
		Richland Parish.....	1
Louisiana:		St. Mary Parish.....	1
Assumption Parish.....	5	St. Tammany Parish.....	1
Concordia Parish.....	1	West Carroll Parish.....	1
De Soto Parish.....	1	Total.....	36
East Baton Rouge Parish.....	2		
East Feliciana Parish.....	1	West Virginia:	
Iberia Parish.....	2	Randolph County.....	1

PELLAGRA—Continued.

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Albany, Ga.....	1	1	Nashville, Tenn.....	3	2
Atlanta, Ga.....		6	New Orleans, La.....	3	3
Augusta, Ga.....		1	Northampton, Mass.....	1	1
Baltimore, Md.....	1		Petersburg, Va.....		1
Birmingham, Ala.....	7	1	Raleigh, N. C.....		2
Chicago, Ill.....		1	Richmond, Va.....	3	
Corsicana, Tex.....	2	3	Roanoke, Va.....		1
Durham, N. C.....	2	1	Rocky Mount, N. C.....	1	
Houston, Tex.....		1	Sedalia, Mo.....	2	
Independence, Mo.....	1		Spartanburg, S. C.....	4	
Lexington, Ky.....		1	Washington, D. C.....	2	
Mobile, Ala.....	1	2	Wilmington, N. C.....		1

PLAGUE.

California—Plague-Infected Squirrels Found.

During the period from June 8 to 24, 1918, 5 plague-infected squirrels were found in California, in Alameda and Contra Costa Counties, making a total of 6 cases reported from two weeks of hunting.

PNEUMONIA.

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Amsterdam, N. Y.....	4	1	Lynn, Mass.....	4	1
Astoria, Oreg.....	4	4	Manchester, N. H.....	1	1
Auburn, N. Y.....	2	1	Marquette, Mich.....	1	
Baltimore, Md.....	7	3	Millford, Mass.....	4	4
Berkeley, Cal.....	1	1	Newark, N. J.....	20	8
Beverly, Mass.....	1		New Britain, Conn.....	1	
Boston, Mass.....	5	7	North Little Rock, Ark.....	1	2
Brockton, Mass.....	2		Osbkosh, Wis.....	3	
Cambridge, Mass.....	5		Parkersburg, W. Va.....	1	1
Chicago, Ill.....	62	29	Philadelphia, Pa.....	45	21
Cleveland, Ohio.....	8	11	Rochester, N. Y.....	7	1
Dallas, Tex.....	1	2	Sacramento, Cal.....	2	1
Dayton, Ohio.....	1	2	St. Cloud, Minn.....	1	
Detroit, Mich.....	4	12	San Diego, Cal.....	2	3
Flint, Mich.....	1	1	Schenectady, N. Y.....	3	
Fort Worth, Tex.....	1	1	Sedalia, Mo.....	3	
Framingham, Mass.....	1	1	Sheboygan, Wis.....	1	1
Greenwich, Conn.....	1		Somerville, Mass.....	1	
Kansas City, Kans.....	1		Springfield, Mass.....	4	
Kansas City, Mo.....	2	10	Utica, N. Y.....	1	1
Lackawanna, N. Y.....	1		Wilmington, Del.....	2	2
Little Rock, Ark.....	2		Worcester, Mass.....	3	1
Los Angeles, Cal.....	7	1	Youngstown, Ohio.....	1	
Lowell, Mass.....	1	2			

POLIOMYELITIS (INFANTILE PARALYSIS).**State Reports for May, 1918.**

Place.	New cases reported.	Place.	New cases reported.
California:		New York:	
Los Angeles County—		Albany County—	
Los Angeles.....	1	New Scotland (town).....	1
Santa Monica.....	1	Lewis County—	
San Francisco.....	1	Croghan (town).....	1
Madera County.....	1	St. Lawrence County—	
San Diego County—		Massena.....	1
San Diego.....	1	Total.....	3
Riverside County.....	1	West Virginia:	
Kern County—		Marshall County.....	3
Bakersfield.....	1	Wisconsin:	
Total.....	7	Dane County.....	1
Michigan:		Dodge County.....	1
Calhoun County—		La Crosse County.....	1
Battle Creek.....	1	Milwaukee County.....	6
Huron County—		Walworth County.....	1
Harbor Beach.....	1	Waukesha County.....	1
Kalamazoo County—		Total.....	11
Vicksburg.....	1		
Total.....	3		

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Cleveland, Ohio.....	1		Richmond, Va.....		1
Evansville, Ind.....	1	1	Rochester, N. Y.....		1
Kansas City, Mo.....	1		San Diego, Cal.....	1	
New York, N. Y.....	1	1	Springfield, Ohio.....	1	1
Pittsburgh, Pa.....	1				

RABIES IN ANIMALS.**City Reports for Week Ended June 8, 1918.**

Place.	Cases.	Place.	Cases.
Detroit, Mich.....	1	Rochester, N. Y.....	1
Louisville, Ky.....	1	Schenectady, N. Y.....	1
Passaic, N. J.....	1		

SCARLET FEVER.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1080.

SMALLPOX.

State Reports for May, 1918. ^(E)

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
California:						
Contra Costa County—						
Martinez.....	1				1	
Imperial County.....	9				9	
Brawley.....	9				9	
Fresno County.....	5				5	
Fresno.....	6				6	
Kern County.....	2				2	
Bakersfield.....	1			1		
Los Angeles County—						
Los Angeles.....	4				4	
Orange County.....	1				1	
Santa Ana.....	7				7	
San Bernardino County—						
Ontario.....	4			1	3	
Riverside County—						
Blythe.....	1				1	
San Francisco.....	14			2	12	
San Diego County—						
San Diego.....	1				1	
San Joaquin County.....	8				8	
Stockton.....	12				12	
Tracy.....	1				1	
Siskiyou County.....	3				3	
Sacramento County.....	2				2	
Stanislaus County.....	7				7	
Turlock.....	1				1	
Tehama County.....	59			2	57	
Tulare County.....	4			1	3	
Porterville.....	8				8	
Tulare.....	2				2	
Total.....	172			7	165	
Michigan:						
Alcona County—						
Mitchell Township.....	3				3	
Bay County—						
Pinconning Township.....	1				1	
Benzie County—						
Inland Township.....	5				1	4
Berrien County—						
Bainbridge Township.....	1			1		
Branch County—						
Ovid Township.....	1				1	
Coldwater.....	6				6	
Calhoun County—						
Clarendon Township.....	1				1	
Homer.....	4				4	
Washington Heights.....	1				1	
Albion.....	14				14	
Battle Creek.....	2				2	
Charlevoix County—						
Boyne Falls.....	1			1		
Boyne City.....	2				2	
Chippewa County—						
Sault Ste. Marie.....	2				2	
Eaton County—						
Grand Ledge.....	1				1	
Genesee County—						
Burton Township.....	1				1	
Richfield Township.....	2				2	
Flint.....	12				8	4
Gladwin County—						
Beaverton Township.....	1					1
Grand Traverse County—						
Traverse City.....	1				1	
Gratiot County—						
Alma.....	2				2	
Hillsdale County—						
Hillsdale Township.....	8		1			7
Pittsford Township.....	4				4	

SMALLPOX—Continued.

State Reports for May, 1918—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Michigan—Continued.						
Ingham County—						
Lansing.....	5				5	
Ionia County—						
Lyons Township.....	3				3	
Iosco County—						
Oscoda Township.....	17				17	
Isabella County—						
Nottawa Township.....	1				1	
Wise Township.....	5				5	
Jackson County—						
Pulaski Township.....	3			1	1	1
Tompkins Township.....	1				1	
Kalamazoo County—						
Brady Township.....	3				3	
Comstock Township.....	6				6	
Pavilion Township.....	1				1	
Vicksburg.....	1			1		
Kalamazoo.....	70				70	
Kent County—						
Grand Rapids.....	14				14	
Lapeer County—						
North Branch Township..	1				1	
Leelanau County—						
Elmwood Township.....	1				1	
Lenawee County—						
Blissfield.....	1					1
Macomb County—						
New Baltimore.....	1				1	
Mount Clemens.....	1				1	
Manistee County—						
Bear Lake Township.....	6				6	
Filer Township.....	8				8	
Manistee.....	5				5	
Marquette County—						
Marquette.....	2				2	
Mason County—						
Ludington.....	1				1	
Meosota County—						
Austin Township.....	2				2	
Deerfield Township.....	23				23	
Fork Township.....	2				2	
Menominee County—						
Menominee.....	3				1	2
Missaukee County—						
Aetna Township.....	2				2	
Richland Township.....	2				2	
Monroe County—						
Berlin Township.....	1				1	
Monroe Township.....	1				1	
Monroe.....	7				7	
Montcalm County—						
Eureka Township.....	1				1	
Muskegon County—						
Muskegon Township.....	1				1	
Muskegon Heights.....	1				1	
Muskegon.....	1				1	
Newaygo County—						
Croton Township.....	1				1	
Dayton Township.....	2				2	
Sheridan Township.....	1		1			
Oakland County—						
Royal Oak.....	1				1	
Springfield Township.....	1				1	
Twy Township.....	1					1
Pontiac.....	24				22	2
Oceana County—						
Elbridge Township.....	1				1	
Ogemaw County—						
Hill Township.....	2				2	
Ottawa County—						
Spring Lake Township.....	1				1	
Grand Haven.....	8				8	

SMALLPOX—Continued.

State Reports for May, 1918—Continued.

Place.	New cases reported.	Deaths.	Vaccination history of cases.			
			Number vaccinated within 7 years preceding attack.	Number last vaccinated more than 7 years preceding attack.	Number never successfully vaccinated.	Vaccination history not obtained or uncertain.
Michigan—Continued.						
St. Clair County—						
Clyde Township.....	1				1	
Ira Township.....	1				1	
St. Joseph County—						
Centreville.....	2				2	
Three Rivers.....	5				5	
Sanilac County—						
Applegate.....	1				1	
Speaker Township.....	3				3	
Sandusky.....	1				1	
Van Buren County—						
Covert Township.....	2				2	
Washtenaw County—						
Ann Arbor.....	2				2	
Wayne County—						
Ecorse.....	1			1		
Grosse Pointe.....	2				2	
Oakland.....	11				10	1
Detroit.....	49					49
Highland Park.....	14		1	2	3	8
Wexford County—						
Cadillac.....	3				3	
Total.....	421		3	7	330	81
New York:						
Albany County—						
Coeysmans (town).....	1				1	
Broome County—						
Endicott.....	1				1	
Cattaraugus County—						
Little Valley.....	1				1	
Chautauqua County—						
Dunkirk.....	2				1	1
Jamestown.....	13				12	1
Poland (town).....	2				2	
Pomfret (town).....	1				1	
Chemung County—						
Elmira.....	1					1
Erin (town).....	1				1	
Erie County—						
Buffalo.....	8				8	
Clarence (town).....	1				1	
Lancaster.....	3				3	
West Seneca (town).....	1				1	
Herkimer County—						
Little Falls.....	1				1	
Ilion.....	1					1
Jefferson County—						
Watertown.....	2				2	
Madison County—						
Nelson (town).....	2				2	
Niagara County—						
Lockport.....	16		1		15	
Niagara Falls.....	1				1	
Oneida County—						
Utica.....	15		1		11	3
Kirkland (town).....	2				2	
Washington County—						
Cambridge (town).....	7			3	4	
Westchester County—						
New Rochelle.....	1			1		
Wyoming County—						
Arcade.....	6			1	5	
Java (town).....	2				2	
Total.....	92		2	5	78	7

SMALLPOX—Continued.

Miscellaneous State Reports for April and May, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Connecticut (April):			West Virginia (May):		
Hartford County—			Calhoun County.....	1	
Cheshire.....	3		Fayette County.....	11	
Hartford.....	9		Hampshire County.....	9	
Total.....	12		Kanawha County.....	25	
Louisiana (May):			Lewis County.....	9	
Acadia Parish.....	11		Lincoln County.....	26	
Allen Parish.....	3		Marion County.....	4	
Ascension Parish.....	2		Mingo County.....	5	
Assumption Parish.....	1		Reame County.....	9	
Caddo Parish.....	6		Taylor County.....	6	
Caldwell Parish.....	1		Tucker County.....	1	
De Soto Parish.....	1		Webster County.....	3	
Iberville Parish.....	6		Wood County.....	10	
Jackson Parish.....	2		Charleston.....	14	
Jefferson Parish.....	5		Fairmont.....	4	
Lafourche Parish.....	2		Parkersburg.....	8	
Orleans Parish.....	12		Total.....	145	
Ouachita Parish.....	1		Wisconsin (May):		
Rapides Parish.....	12		Brown County.....	1	
Red River Parish.....	1		Burnett County.....	1	
St. Landry Parish.....	1		Chippewa County.....	21	
St. Martin Parish.....	4		Clark County.....	7	
St. Mary Parish.....	5		Columbia County.....	8	
Tangipahoa Parish.....	22		Crawford County.....	2	
Winn Parish.....	38		Dane County.....	17	
Total.....	136		Douglas County.....	7	
Montana (May):			Dunn County.....	1	
Beaverhead County.....	2		Eau Claire County.....	2	
Broadwater County.....	2		Fond du Lac County.....	7	
Cascade County.....	6		Grant County.....	8	
Great Falls.....	3		Green County.....	2	
Custer County.....	1		Iowa County.....	1	
Dawson County.....	4		Jefferson County.....	4	
Deerlodge County—			Juneau County.....	3	
Anaconda.....	8		La Crosse County.....	8	
Fergus County.....	3		Lafayette County.....	5	
Fallon County.....	1		Lincoln County.....	8	
Flathead County.....	25		Manitowoc County.....	5	
Gallatin County—			Marquette County.....	3	
Bozeman.....	1		Milwaukee County.....	20	1
Hill County.....	13		Monroe County.....	1	
Lewis and Clark County—			Oconto County.....	6	
Helena.....	4		Polk County.....	3	
Missoula County—			Portage County.....	6	
Missoula.....	2		Richland County.....	3	
Sheridan County.....	2		Rock County.....	4	
Silver Bow County.....	1		St. Croix County.....	4	
Butte.....	5		Sauk County.....	1	
Teton County.....	1		Sawyer County.....	1	
Yellowstone County—			Sheboygan County.....	1	
Billings.....	1		Vernon County.....	12	
Total.....	85		Waukesha County.....	1	
			Waupaca County.....	19	
			Winnebago County.....	2	
			Wood County.....	19	
			Total.....	224	1

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Abilene, Tex.....	3		Boone, Iowa.....	4	
Akron, Ohio.....	7		Buffalo, N. Y.....	2	
Alexandria, La.....	1		Burlington, Iowa.....	1	
Alton, Ill.....	1		Butte, Mont.....	1	
Anniston, Ala.....	2		Cedar Rapids, Iowa.....	1	
Atlanta, Ga.....	5		Chattanooga, Tenn.....	2	
Baltimore, Md.....	4		Chicago, Ill.....	2	
Barberton, Ohio.....	8		Cincinnati, Ohio.....	8	
Beatrice, Nebr.....	1		Cleveland, Ohio.....	20	
Billings, Mont.....	1		Coffeyville, Kans.....	2	
Birmingham, Ala.....	5		Colorado Springs, Colo.....	2	

SMALLPOX—Continued.

City Reports for Week Ended June 8, 1918—Continued.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Columbus, Ohio.....	5	.....	Marshalltown, Iowa.....	6	.....
Council Bluffs, Iowa.....	7	.....	Memphis, Tenn.....	4	.....
Dallas, Tex.....	2	.....	Middletown, Ohio.....	4	.....
Davenport, Iowa.....	3	.....	Milwaukee, Wis.....	1	.....
Dayton, Ohio.....	3	.....	Minneapolis, Minn.....	10	.....
Denver, Colo.....	18	.....	Mobile, Ala.....	1	.....
Des Moines, Iowa.....	6	.....	Muncie, Ind.....	5	.....
Detroit, Mich.....	27	.....	Muskogee, Okla.....	2	.....
Dubuque, Iowa.....	4	.....	Nashville, Tenn.....	2	.....
El Paso, Tex.....	1	.....	New Orleans, La.....	6	.....
Erie, Pa.....	2	.....	North Little Rock, Ark.....	2	.....
Evansville, Ind.....	1	.....	Ogden, Utah.....	3	.....
Fairmont, W. Va.....	1	.....	Oklahoma City, Okla.....	19	.....
Flint, Mich.....	1	.....	Omaha, Nebr.....	30	.....
Fond du Lac, Wis.....	1	.....	Peoria, Ill.....	7	.....
Fort Wayne, Ind.....	1	.....	Philadelphia, Pa.....	2	.....
Fort Worth, Tex.....	4	.....	Piqua, Ohio.....	1	.....
Grand Rapids, Mich.....	4	.....	Quincy, Ill.....	4	.....
Granite City, Ill.....	2	.....	Richmond, Ind.....	1	.....
Greeley, Colo.....	2	.....	Riverside, Cal.....	1	.....
Green Bay, Wis.....	2	.....	Roanoke, Va.....	2	.....
Hartford, Conn.....	1	.....	St. Joseph, Mo.....	10	.....
Houston, Tex.....	2	.....	St. Louis, Mo.....	21	.....
Indianapolis, Ind.....	19	.....	St. Paul, Minn.....	2	.....
Iola, Kans.....	6	.....	Salt Lake City, Utah.....	8	.....
Johnstown, Pa.....	1	.....	Seattle, Wash.....	8	.....
Kalamazoo, Mich.....	16	.....	Eedalia, Mo.....	4	.....
Kansas City, Kans.....	8	.....	Sioux City, Iowa.....	7	.....
Kansas City, Mo.....	24	1	Spokane, Wash.....	3	.....
Knoxville, Tenn.....	3	.....	Springfield, Ill.....	1	.....
Kokomo, Ind.....	2	.....	Tacoma, Wash.....	5	.....
La Crosse, Wis.....	1	.....	Toledo, Ohio.....	3	.....
Laurel, Miss.....	1	.....	Topeka, Kans.....	9	.....
Leavenworth, Kans.....	1	.....	Trinidad, Colo.....	1	.....
Lincoln, Nebr.....	5	.....	Tuscaloosa, Ala.....	3	.....
Little Rock, Ark.....	1	.....	Vancouver, Wash.....	1	.....
Lorain, Ohio.....	1	.....	Washington, D. C.....	2	.....
Louisville, Ky.....	1	.....	Waterloo, Iowa.....	1	.....
Madison, Wis.....	10	.....	Wichita, Kans.....	7	.....
Mansfield, Ohio.....	1	.....	Youngstown, Ohio.....	4	.....
Marshall, Tex.....	1	.....		

TETANUS.

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Boston, Mass.....		1	St. Louis, Mo.....	1	1
Colorado Springs, Colo.....		1	Trenton, N. J.....	1	.....
East Orange, N. J.....		1	Worcester, Mass.....	1	.....

TUBERCULOSIS.

See Diphtheria, measles, scarlet fever, and tuberculosis, page 1080.

TYPHOID FEVER.

State Reports for April and May, 1918.

Place.	New cases reported.	Place.	New cases reported.
California (May):		Louisiana (May):	
Alameda County—		Acadia Parish.....	2
Berkeley.....	4	Ascension Parish.....	8
Oakland.....	7	Assumption Parish.....	4
Butte County—		Avoyelles Parish.....	2
Chico.....	1	Beauregard Parish.....	2
Colusa County.....	1	Calcasieu Parish.....	10
Fresno County—		East Baton Rouge Parish.....	4
Fresno.....	2	Iberia Parish.....	11
Glenn County.....	1	Iberville Parish.....	4
Imperial County—		Jefferson Davis Parish.....	3
Brawley.....	2	Lafayette Parish.....	4
Calexico.....	1	Lafourche Parish.....	1
Kern County.....	1	Livingston Parish.....	5
Lassen County.....	3	Morehouse Parish.....	2
Los Angeles County.....	1	Orleans Parish.....	24
Glendale.....	1	Ouachita Parish.....	6
Los Angeles.....	18	Plaquemines Parish.....	7
Madera County.....	1	Pointe Coupee Parish.....	2
Merced County.....	9	Rapides Parish.....	5
Merced.....	2	Richland Parish.....	1
Orange County.....	3	St. Charles Parish.....	3
Mendocino County—		St. James Parish.....	12
Willits.....	1	St. Martin Parish.....	5
Ukiah.....	1	St. Mary Parish.....	11
Monterey County—		St. Tammany Parish.....	2
King City.....	1	Tangipahoa Parish.....	4
Riverside County.....	2	Tensas Parish.....	6
Blythe.....	10	Terrebonne Parish.....	4
Riverside.....	1	Vermilion Parish.....	2
San Diego County—		Winn Parish.....	1
National City.....	11		
San Diego.....	1	Total.....	157
Sacramento County.....	6		
San Bernardino County—		Michigan (May):	
Redlands.....	2	Allegan County—	
San Francisco.....	8	Cheshire Township.....	1
San Joaquin County.....	1	Barry County—	
San Mateo County.....	1	Hastings.....	1
Santa Clara County.....	1	Bay County—	
Mountain View.....	1	Bay City.....	3
Siskiyou County—		Berrien County—	
Dunsmuir.....	1	Watervliet Township.....	1
Sisson.....	1	Calhoun County—	
Placer County—		Burlington Township.....	2
Lincoln.....	1	Sheridan Township.....	1
Stanislaus County.....	1	Albion.....	1
Solano County.....	1	Battle Creek.....	1
Sonoma County.....	1	Chippewa County—	
Santa Rosa.....	2	Sault Ste. Marie.....	2
Yolo County.....	1	Crawford County—	
Tulare County.....	2	Grayling.....	2
Dinuba.....	1	Eaton County—	
Total.....	118	Pottersville.....	1
		Genesee County—	
Connecticut (April):		Flint.....	4
Fairfield County—		Hillsdale County—	
Danbury.....	1	Woolledge Township.....	1
Norwalk.....	1	Ionia County—	
Hartford County—		Portland.....	1
Glastonbury.....	1	Kent County—	
Hartford.....	2	Grand Rapids.....	1
New Britain.....	2	Lenawee County—	
Rocky Hill.....	2	Fairfield Township.....	1
New Haven County—		Marquette County—	
New Haven.....	3	Marquette.....	1
Waterbury.....	1	Montmorency County—	
New London County—		Hillmore Township.....	1
New London.....	1	Oakland County—	
Litchfield County—		Farmington Township.....	1
New Hartford.....	1	Independence Township.....	1
Winchester.....	1	Otsego County—	
Total.....	16	Gaylord.....	1
		Ottawa County—	
		Holland Township.....	1

TYPHOID FEVER—Continued.

State Reports for April and May, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Michigan (May)—Continued.		New York (May)—Continued.	
Saginaw County—		Onondaga County—	
Birch Run Township.....	1	Syracuse.....	1
Saginaw.....	2	Solvay.....	1
Tuscola County—		Ontario County—	
Novesta Township.....	1	Canandaigua.....	1
Wexford County—		Geneva.....	2
South Branch Township.....	1	Orange County—	
Total.....	35	Newburgh.....	4
		Highlands (town).....	1
Montana (May):		Oswego County—	
Blaine County.....	2	Oswego.....	8
Flathead County.....	1	Sandy Creek (town).....	1
Billings.....	2	Scriba (town).....	1
Total.....	5	Otsego County—	
New York (May):		Fittsfield (town).....	1
Albany County—		Saint Lawrence County—	
Albany.....	7	Ogdensburg.....	2
Watervliet.....	2	De Kalb (town).....	1
Cosmians (town).....	1	Gouverneur (town).....	1
Ravena.....	1	Gouverneur.....	1
Green Island.....	1	Norwood.....	2
Allegany County—		Saratoga County—	
Grove (town).....	1	Saratoga Springs.....	1
Wellsville.....	8	Mechanicville.....	5
Broome County—		Schuylerville.....	1
Binghamton.....	1	Waterford.....	1
Union.....	1	Schoharie County—	
Cattaraugus County—		Middleburg.....	1
Salamanca.....	1	Seward (town).....	1
East Otto (town).....	1	Seneca Falls.....	2
Franklinville (town).....	1	Steuben County—	
Cayuga County—		Corning.....	9
Cayuga.....	1	Jasper (town).....	1
Chautauque County—		Suffolk County—	
Dunkirk.....	1	Brookhaven (town).....	1
Carroll (town).....	1	Huntington (town).....	1
Chenango County—		Sullivan County—	
Oxford (town).....	1	Rockland (town).....	1
Clinton County—		Tompkins County—	
Plattsburg.....	4	Ithaca.....	3
Ellenburg (town).....	3	Lansing (town).....	1
Mooers (town).....	1	Ulster County—	
Cortland County—		Kingston.....	1
Marathon (town).....	1	Lloyd (town).....	1
Dutchess County—		Wayne County—	
Fishkill.....	5	Newark.....	1
La Grange (town).....	1	Marion (town).....	1
Erie County—		Total.....	138
Buffalo.....	4	Rhode Island (May):	
Lackawanna.....	2	Providence.....	1
Tonawanda.....	1	Pawtucket.....	1
Gowanda State Hospital.....	2	Warren (town).....	1
Franklin County—		Westerly (town).....	1
Chateaugay (town).....	1	West Warwick (town).....	4
Greene County—		Total.....	8
Athens.....	1	West Virginia (May):	
Catskill.....	2	Berkeley County.....	1
Hamilton County—		Kanawha County.....	13
Inlet (town).....	1	Lewis County.....	1
Jefferson County—		Marion County.....	5
Watertown.....	1	Mercer County.....	1
Philadelphia (town).....	1	Monongalia County.....	5
Madison County—		Ohio County.....	31
Gorgetown (town).....	1	Raleigh County.....	4
Montgomery County—		Randolph County.....	2
Amsterdam (town).....	1	Tucker County.....	2
Niagara County—		Wood County.....	1
Lockport.....	9	Total.....	66
Niagara Falls.....	1	Wisconsin (May):	
North Tonawanda.....	1	Bayfield County.....	1
Wheatfield (town).....	1	Brown County.....	1
Oneida County—			
Rome.....	1		
Utica.....	1		

TYPHOID FEVER—Continued.

State Reports for April and May, 1918—Continued.

Place.	New cases reported.	Place.	New cases reported.
Wisconsin (May)—Continued.		Wisconsin (May)—Continued.	
Clark County.....	5	Marathon County.....	1
Crawford County.....	1	Milwaukee County.....	13
Dane County.....	1	Outagamie County.....	11
Door County.....	1	Sheboygan County.....	3
Douglas County.....	2	Trempealeau County.....	1
Fond du Lac County.....	1	Wood County.....	2
La Crosse County.....	1		
Manitowoc County.....	1	Total.....	36

City Reports for Week Ended June 8, 1918.

Place.	Cases.	Deaths.	Place.	Cases.	Deaths.
Anniston, Ala.....	3		Louisville, Ky.....	5	
Atlanta, Ga.....	2		Lynchburg, Va.....	1	1
Baltimore, Md.....	4	1	Lynn, Mass.....	1	
Berkeley, Cal.....	1	1	Macon, Ga.....	4	
Billings, Mont.....	1		Malden, Mass.....		1
Birmingham, Ala.....	3		Manchester, Conn.....	1	
Boston, Mass.....	1		Memphis, Tenn.....	1	
Buffalo, N. Y.....	2		Middletown, N. Y.....	1	
Camden, N. J.....	1		Milwaukee, Wis.....	4	1
Charleston, S. C.....	6		Montgomery, Ala.....	3	1
Charleston, W. Va.....	8		Nashville, Tenn.....	3	
Charlotte, N. C.....	1		Newark, N. J.....	1	
Chattanooga, Tenn.....	1		Newcastle, Pa.....	1	
Chicago, Ill.....	6		New Orleans, La.....	3	1
Cincinnati, Ohio.....		1	Newton, Mass.....		1
Cleveland, Ohio.....	1	1	New York, N. Y.....	28	2
Coffeyville, Kans.....	1		Norfolk, Va.....	1	
Columbia, S. C.....	4		North Tonawanda, N. Y.....	1	
Columbus, Ohio.....	1		Oakland, Cal.....	3	
Corpus Christi, Tex.....	1		Omaha, Neb.....		1
Corsicana, Tex.....	1		Philadelphia, Pa.....	6	
Covington, Ky.....	1		Pittsburgh, Pa.....	1	
Dallas, Tex.....	1		Portland, Me.....	2	1
Danville, Ill.....	5		Portland, Oreg.....	1	1
Denver, Colo.....	1		Rahway, N. J.....	2	
Des Moines, Iowa.....	1		Richmond, Va.....	6	
Detroit, Mich.....	4		Riverside, Cal.....	1	
Duluth, Minn.....	1		Rechester, N. H.....	1	
Erie, Pa.....	1		Rocky Mount, N. C.....	2	
Fairmont, W. Va.....	4		Saginaw, Mich.....	1	
Fall River, Mass.....	2	1	St. Joseph, Mo.....	1	
Galveston, Tex.....	5		St. Louis, Mo.....	3	1
Grand Rapids, Mich.....	2		Salt Lake City, Utah.....	1	1
Greenville, S. C.....	1		Sandusky, Ohio.....	2	
Harrisburg, Pa.....	1		Saratoga Springs, N. Y.....	3	
Hartford, Conn.....	1	1	Sault Ste. Marie, Mich.....	1	
Hattiesburg, Miss.....	2		Sedalla, Mo.....	4	
Holyoke, Mass.....	1		Sheboygan, Wis.....	1	
Houston, Tex.....	4		Springfield, Mass.....	1	
Independence, Kans.....	2		Syracuse, N. Y.....	1	
Ithaca, N. Y.....	1	1	Taunton, Mass.....	1	
Jacksonville, Ill.....	1		Toledo, Ohio.....	5	2
Johnstown, Pa.....	1		Trenton, N. J.....	1	
Kansas City, Kans.....	1		Troy, N. Y.....	1	
Kansas City, Mo.....	2		Uniontown, Pa.....	1	
Kokomo, Ind.....	3		Walla Walla, Wash.....	2	
La Crosse, Wis.....	3		Washington, D. C.....	5	1
La Fayette, Ind.....	2		Washington, Pa.....	1	
Laurel, Miss.....	2		West Chester, Pa.....	1	
Lawrence, Mass.....		1	Wichita, Kans.....	1	1
Lexington, Ky.....		1	York, Pa.....	7	
Los Angeles, Cal.....	6		Youngstown, Ohio.....	1	

TYPHUS FEVER.

Georgia—Dalton.

On June 19, 1918, 2 cases of typhus fever were notified at Dalton, Ga., in the persons of J. C. L. and W. L., mother and daughter, the case in the mother being of very light type and that in the daughter more severe.

City Reports for Week Ended June 8, 1918.

During the week ended June 8, 1918, one case of typhus fever was reported at New York, N. Y., and one case and one death from this disease were reported at Palestine, Tex.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS.

State Reports for April and May, 1918.

State.	Cases reported.			State.	Cases reported.		
	Diphtheria.	Measles.	Scarlet fever.		Diphtheria.	Measles.	Scarlet fever.
California (May)....	289	2,903	438	New York (May)....	402	9,774	564
Connecticut (April)...	208	851	175	Rhode Island (May)...	70	1,009	75
Louisiana (May)....	95	134	9	West Virginia (May)...	11	124	18
Michigan (May)....	365	1,040	530	Wisconsin (May)....	171	4,637	472
Montana (May)....	50	272	147				

City Reports for Week Ended June 8, 1918.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
Over 500,000 inhabitants:										
Baltimore, Md.....	580,621	190	11	1	159	5	6	2	35	27
Boston, Mass.....	756,476	216	45	2	280	1	10	.....	77	30
Chicago, Ill.....	2,497,722	546	132	14	114	3	22	1	417	88
Cleveland, Ohio.....	674,073	.....	17	1	63	.....	8	.....	50	23
Detroit, Mich.....	571,784	181	55	2	125	3	20	1	28	25
Los Angeles, Cal.....	503,812	.....	32	.....	48	1	5	.....	52	31
New York, N. Y.....	5,692,841	1,244	359	25	619	20	78	3	338	131
Philadelphia, Pa.....	1,709,518	531	46	8	746	8	23	.....	212	66
Pittsburgh, Pa.....	579,090	.....	11	.....	156	6	.....	.....	34	.....
St. Louis, Mo.....	757,309	166	25	1	54	3	13	.....	47	16
From 300,000 to 500,000 inhab- itants:										
Buffalo, N. Y.....	468,558	220	14	2	184	4	5	.....	45	24
Cincinnati, Ohio.....	410,476	89	7	1	65	1	4	.....	19	10
Jersey City, N. J.....	306,345	.....	18	.....	33	.....	5	.....	12	.....
Milwaukee, Wis.....	436,535	86	8	.....	227	1	21	.....	25	6
Minneapolis, Minn.....	363,454	.....	8	.....	76	4	15	.....	34	11
Newark, N. J.....	408,894	105	17	.....	290	8	6	.....	45	15
New Orleans, La.....	371,747	.....	15	1	2	1	.....	.....	33	20
Seattle, Wash.....	348,639	.....	2	.....	48	.....	26	.....	13	.....
Washington, D. C.....	363,980	122	13	2	82	.....	8	.....	30	8
From 200,000 to 300,000 inhab- itants:										
Columbus, Ohio.....	214,878	63	1	.....	8	.....	12	.....	5	10
Denver, Colo.....	260,800	88	18	3	23	.....	24	.....	.....	13
Indianapolis, Ind.....	271,708	68	16	4	14	.....	15	.....	24	7
Kansas City, Mo.....	297,874	92	4	2	2	1	1	.....	2	13
Louisville, Ky.....	238,910	60	10	.....	1	.....	1	.....	22	11
Portland, Oreg.....	295,463	60	4	1	64	1	11	1	5	4
Providence, R. I.....	254,960	68	5	1	121	2	3	.....	6	.....
Rochester, N. Y.....	256,417	69	3	.....	109	1	5	.....	2	7
St. Paul, Minn.....	247,232	49	18	1	7	.....	10	.....	19	8
From 100,000 to 300,000 inhab- itants:										
Atlanta, Ga.....	190,558	72	.....	.....	10	.....	2	.....	9	3
Birmingham, Ala.....	181,762	56	1	.....	10	.....	1	.....	4	11
Bridgeport, Conn.....	121,576	30	4	.....	20	1	.....	.....	8	5
Cambridge, Mass.....	112,921	30	4	.....	59	.....	2	.....	3	6
Camden, N. J.....	106,233	.....	1	.....	4	.....	2	.....	8	.....
Dallas, Tex.....	124,527	4	.....	.....	6	.....	.....	.....	.....	2
Dayton, Ohio.....	127,244	41	1	.....	.....	.....	3	.....	.....	4

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended June 8, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 100,000 to 200,000 inhabit- ants—Continued.										
Des Moines, Iowa.....	101,598		4	1			5		1	
Fall River, Mass.....	128,366	43			9	1	2		3	
Fort Worth, Tex.....	104,562	28	3						4	
Grand Rapids, Mich.....	128,291	20			14		13		4	
Hartford, Conn.....	110,900	37	1		5				4	
Houston, Tex.....	112,307	37			2				12	
Lawrence, Mass.....	100,560		8		118	2	1		2	
Lowell, Mass.....	113,245	31	1		22		1		3	
Lynn, Mass.....	102,425	15	3		28				5	
Memphis, Tenn.....	148,995	45	2		4		3		12	
Nashville, Tenn.....	117,057	37			7				5	
New Bedford, Mass.....	118,158	35			15		1		11	
New Haven, Conn.....	149,685		2		5				21	
Oakland, Cal.....	198,604	37			6		5		18	
Omaha, Nebr.....	165,470	35	12	2	11		13			
Reading, Pa.....	109,381		1		4					
Richmond, Va.....	136,687	51	2		35				8	
Salt Lake City, Utah.....	117,399	26			18		7			
Spokane, Wash.....	150,323		1		3		7			
Springfield, Mass.....	105,942	24	2		36	1		1	7	
Syracuse, N. Y.....	155,624	40	2		23		1		4	
Tacoma, Wash.....	112,770				14		37		1	
Toledo, Ohio.....	191,554	50	4		4		5		23	
Trenton, N. J.....	111,593	43	2				1		8	
Worcester, Mass.....	163,314	33	4		8		1		6	
Youngstown, Ohio.....	108,385	50			13				1	
From 50,000 to 100,000 inhabit- ants:										
Akron, Ohio.....	85,625	27	8	1	21		10		8	
Allentown, Pa.....	63,505		2		163				3	
Altoona, Pa.....	58,659		7		5		1			
Atlantic City, N. J.....	57,660	14			10		1		2	
Augusta, Ga.....	50,245	4			4				2	
Bayonne, N. J.....	69,893		1		5		1		1	
Berkeley, Cal.....	57,653	13	1		5				2	
Binghamton, N. Y.....	53,973	19	1		45				1	
Brookton, Mass.....	67,449	8	1		35		7		1	
Canton, Ohio.....	60,852	11			1		1		1	
Charleston, S. C.....	60,734	19	1							
Chattanooga, Tenn.....	60,075	2					3			
Covington, Ky.....	57,144	16	1		5	1				
Duluth, Minn.....	94,495	16			6		3		5	
El Paso, Tex.....	63,705	36			3	1	2			
Eric, Pa.....	75,195		1		32		3		7	
Evansville, Ind.....	76,078				1		1		3	
Flint, Mich.....	54,778	12	1		3		3			
Fort Wayne, Ind.....	76,183	26	3		12		1			
Harrisburg, Pa.....	72,015		1		3					
Hoboken, N. J.....	77,214	11								
Holyoke, Mass.....	65,286	17							2	
Johnstown, Pa.....	68,529				10				3	
Kansas City, Kans.....	99,437		1		14		2		2	
Lancaster, Pa.....	50,853				2					
Little Rock, Ark.....	57,343	9			4		1		4	
Malden, Mass.....	51,155	10	5		45				2	
Manchester, N. H.....	78,283	22			1				2	
Mobile, Ala.....	58,221	33			1					
New Britain, Conn.....	83,794	14	6	1	7		3			
Norfolk, Va.....	89,612				1					
Oklahoma City, Okla.....	92,943	11					4		2	
Passaic, N. J.....	71,744	19			96	1	1		2	
Pawtucket, R. I.....	69,411	24	5		18		2			
Peoria, Ill.....	71,458	22	1		3					
Portland, Me.....	63,867	17			4		1			
Rockford, Ill.....	55,185	20	1	1	12		1			
Sacramento, Cal.....	66,895	17	3		9		5		7	
Saginaw, Mich.....	55,642	12	2				1			
St. Joseph, Mo.....	85,236	30							1	
San Diego, Cal.....	53,330	30	1		8		1		17	
Schenectady, N. Y.....	96,519	22			11				10	
Sioux City, Iowa.....	57,078						3			

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended June 8, 1918—Continued.

City.	Population as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuberculosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 50,000 to 100,000 inhabitants—Continued.										
Somerville, Mass.	87,039	17	2	1	24	1			4	1
South Bend, Ind.	68,946	14			1	1			2	
Springfield, Ill.	61,129	9			10					1
Springfield, Ohio.	51,559	13			17				1	1
Terra Haute, Ind.	66,093	16	1		8	1			2	
Troy, N. Y.	77,916	18			10				6	3
Utica, N. Y.	85,692	24	5	1	41	1			10	4
Wichita, Kans.	70,722				5	1				
Wilkes-Barre, Pa.	76,776				3	1				
Wilmington, Del.	94,255	27	2		10	1	1		4	4
Ycnkers, N. Y.	99,838	18	3	1	68				15	3
York, Pa.	51,551				12	3			1	
From 25,000 to 50,000 inhabitants:										
Alameda, Cal.	27,732	3	3		33	2			1	
Amsterdam, N. Y.	37,103		1		11					
Auburn, N. Y.	37,385	12			11	3			5	
Bellingham, Wash.	32,985					1				
Boise, Idaho	33,846	3			10					
Brackline, Mass.	32,730	9	3		12				1	2
Burlington, Iowa.	25,690	5								
Butler, Pa.	27,632		4		3					
Butte, Mont.	43,425				2	12	2		1	
Cedar Rapids, Iowa.	37,308		2							
Charleston, W. Va.	29,941	11			3					
Charlotte, N. C.	39,823	18			10	1			1	3
Chelsea, Mass.	46,192	7			4		1		1	2
Chester, Pa.	41,396		3		25	2			6	
Clinton, Iowa.	27,386				10					
Cohes, N. Y.	25,211	7								
Colorado Springs, Colo.	32,971		1			2			2	5
Council Bluffs, Iowa.	31,484	5			1	3	1			1
Cranston, R. I.	25,987				13	1			1	1
Cumberland, Md.	26,074	5			6	1			1	1
Danville, Ill.	32,261	9								
Davenport, Iowa.	48,811				2					
Dubuque, Iowa.	39,873		4		1	2				
Durham, N. C.	25,061	8			1					2
Easton, Pa.	30,539				4					
East Orange, N. J.	42,458	5	1		44	1			1	
Elgin, Ill.	28,203	3			2		1		1	1
Elmira, N. Y.	38,120					68			4	
Evanston, Ill.	28,591	10	1		8					
Everett, Mass.	39,233	3	3		3				3	1
Everett, Wash.	35,486				3				2	
Fitchburg, Mass.	41,781	7			15				2	
Galveston, Tex.	41,863	15	1							1
Green Bay, Wis.	29,353	5	1			1				
Hammond, Ind.	26,171	10	1	1	1		1			
Haverhill, Mass.	48,477	10	2		17				3	1
Hazeltcn, Pa.	28,491		3		30					
Jackson, Mich.	35,396	15			28	2			4	
Jamesstown, N. Y.	36,580	8			76				1	2
Kalamazoo, Mich.	48,886	15			4				2	
Kenosha, Wis.	31,576	4	1		18	1				
Knoxville, Tenn.	38,676				3	2			3	1
La Crosse, Wis.	31,677	16	1						1	2
Lexington, Ky.	41,097	21			4				12	1
Lincoln, Nebr.	46,515	8	1		1	4				
Leng Beach, Cal.	27,587	11			8					
Lorain, Ohio.	36,946				1	2			1	1
Lynchburg, Va.	32,940	12			2					
Macon, Ga.	45,757	24								4
Madison, Wis.	30,699	2				1				
McKeesport, Pa.	47,521		2		9					
Medford, Mass.	26,234	10	4		17	1			1	1
Moline, Ill.	27,451				35					
Montclair, N. J.	26,318	7			3					
Montgomery, Ala.	43,285	17			1				2	
Muncie, Ind.	25,424	6	4		2					1
Nashua, N. H.	27,327	10								1
Newark, Ohio.	29,635	6				1			1	1

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended June 8, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 25,000 to 50,000 inhabit- ants—Continued.										
Newburgh, N. Y.	29,603	9	2		3		1			
New Castle, Pa.	41,133								7	
Newport, Ky.	31,927	5							1	
Newport, R. I.	30,108	5	2	1	1					
Newton, Mass.	43,715	10			4				1	
Niagara Falls, N. Y.	37,353	24			1					1
Norwalk, Conn.	26,809									1
Oak Park, Ill.	26,645	11	2		3		1			1
Ogden, Utah.	31,404	6			14		3			
Orange, N. J.	33,080	10			19				3	2
Oshkosh, Wis.	36,065	8					1			
Pasadena, Cal.	46,450	9			18		1		1	1
Perth Amboy, N. J.	41,185	9							2	1
Petersburg, Va.	25,582	11			1				2	4
Pittsfield, Mass.	38,629	10			5		1		2	
Poughkeepsie, N. Y.	30,390	10							2	
Quincy, Ill.	36,798	9	1		6				4	
Quincy, Mass.	38,136	4	2		18		1		2	
Racine, Wis.	46,486	18			13	1	1			1
Roanoke, Va.	43,284	12			10					2
Rock Island, Ill.	28,926	5			11					
San Jose, Cal.	38,902	1			3		2		1	
Sheboygan, Wis.	28,559	5					1			
Shenandoah, Pa.	29,201								2	
Springfield, Mo.	40,341	3								1
Steubenville, Ohio.	27,445	9								
Superior, Wis.	46,266	8			6		5			1
Taunton, Mass.	36,283	13			1				3	2
Topeka, Kans.	48,726	11			5		3	1	1	
Waltham, Mass.	30,570	5			37				3	1
Waterloo, Iowa.	35,559	9			1		3			
Watertown, N. Y.	29,894	2								1
West Hoboken, N. J.	43,139	4			3		1		2	1
Williamsport, Pa.	33,809		1							
Wilmington, N. C.	29,892	12								2
Winston-Salem, N. C.	31,155	25								7
Zanesville, Ohio.	30,563	7								1
From 10,000 to 25,000 inhabit- ants:										
Abilene, Tex.	14,238						2			
Adams, Mass.	14,214	2			1		1			
Albany, Ga.	10,604	4			3				1	
Alexandria, La.	15,333	8							2	3
Alton, Ill.	22,874	16					1			
Ann Arbor, Mich.	15,010	6			13					
Anniston, Ala.	14,112		1		1					
Ansonia, Conn.	16,704	3							4	
Appleton, Wis.	17,834	4								
Arlington, Mass.	12,811	4							2	1
Asbury Park, N. J.	14,007	2			9					
Astoria, Oreg.	10,363	7								
Attleboro, Mass.	19,282		2		1					
Bakersfield, Cal.	16,874	7			1					
Barberton, Ohio.	13,210	3					1			
Beatrice, Nebr.	10,287	2				1				
Beaver Falls, Pa.	13,532		1		3		2			
Bedford, Ind.	10,349	2							1	1
Bellaire, Ohio.	14,348	5							1	1
Belleville, N. J.	12,993									
Beloit, Wis.	18,072	5	2		5					3
Benton Harbor, Mich.	10,833				4					
Bethlehem, Pa.	14,142		3		31					
Beverly, Mass.	21,645	2			1				2	
Billings, Mont.	14,422				12		1		32	
Bloomfield, N. J.	18,466		2		3					
Boone, Iowa.	11,185		1				1			
Bradock, Pa.	21,685		1		19					
Bradford, Pa.	14,544				3		4			
Bristol, Conn.	15,927	2							4	
Burlington, Vt.	21,617	14								

¹ Population Apr. 15, 1910; no estimate made.

DIPHThERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended June 8, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabit- ants—Continued.										
Cairo, Ill.	15,794	7								
Canton, Ill.	13,262	1			5	1				
Cape Girardeau, Mo.	10,775	1							1	
Carbondale, Pa.	19,242				1					
Carnegie, Pa.	11,692				1					
Cheyenne, Wyo.	¹ 11,320		1	1						1
Chillicothe, Ohio.	15,470	8	2		1		4			1
Clinton, Mass.	¹ 13,075	6			2					1
Coatesville, Pa.	14,455				5					
Coffeyville, Kans.	17,548								1	
Concord, N. H.	22,669	5	1		3				1	
Corpus Christi, Tex.	10,432	3							1	
Corsicana, Tex.	10,022	6								
Cortland, N. Y.	13,069	2			2					1
Cumberland, R. I.	10,848	1	1		4					
Dedham, Mass.	10,433	1			4					
Dover, N. H.	13,272	3								1
Dunmore, Pa.	20,776		1		1					
East Providence, R. I.	18,113		4		2					
Eau Claire, Wis.	18,807				12					
Englewood, N. J.	12,231	5			11					
Escanaba, Mich.	15,485	5					1			
Eugene, Oreg.	13,572				6					
Fairmont, W. Va.	15,506				1		1			
Fargo, N. Dak.	17,389	6	3							3
Farrell, Pa.	¹ 10,190				1					
Findlay, Ohio.	¹ 14,858	6			3					
Fond du Lac, Wis.	21,113	6			2					
Fort Scott, Kans.	10,550	4								
Fostoria, Ohio.	10,770	1								
Frammingham, Mass.	13,982	10			1		1		1	
Frederick, Md.	11,112	4			6		1		1	
Fulton, N. Y.	11,008	2			4				2	
Gardner, Mass.	17,140		2		9				1	
Geneva, N. Y.	13,711				12		1		1	
Glens Falls, N. Y.	16,894	6			1					
Granite City, Ill.	15,142	2			1					
Greeley, Colo.	11,420				1		2			
Greenfield, Mass.	11,998	3							1	
Greensboro, N. C.	19,577	2	2							
Greenville, S. C.	18,181	9			1					
Greenwich, Conn.	19,159		2		3					
Hackensack, N. J.	16,945	5	1		17					
Harrison, N. J.	16,950				5					
Hattiesburg, Miss.	16,482						2			
Holland, Mich.	12,185	1			2					
Hornell, N. Y.	14,685	6			28					
Independence, Kans.	14,506	4			1					
Independence, Mo.	11,672	2					1		1	
Ithaca, N. Y.	15,848	8								
Jacksonville, Ill.	15,481	8			1				1	
Janesville, Wis.	14,339	3					1			1
Johnstown, N. Y.	10,646	6			2					
Kankakee, Ill.	14,230		1							
Kokomo, Ind.	29,930	7	1				1		3	
Lackawanna, N. Y.	15,987	2	1		4					
La Fayette, Ind.	21,286	5	5							1
Laurel, Miss.	11,779						1			
Lawrence, Kans.	13,324	2								
Leavenworth, Kans.	¹ 19,363	9	2							
Lebanon, Pa.	20,779		1						1	
Lincoln, R. I.	10,383				1					
Little Falls, N. Y.	13,451	4								
Long Branch, N. J.	15,395				46					
Mahanoy City, Pa.	17,463				5					
Manchester, Conn.	15,551	1			2				1	1
Manitowoc, Wis.	13,805	4					1			
Mansfield, Ohio.	22,734	2			7					
Marinette, Wis.	¹ 14,610	1					1			

* Population Apr. 15, 1910; no estimate made.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS--Contd.

City Reports for Week Ended June 8, 1918--Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.	
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.
From 10,000 to 25,000 inhabit- ants—Continued.										
Marquette, Mich.	12,409	4					5			
Marshall, Tex.	13,712	5								
Marshalltown, Iowa	14,360		1		1					
Mason, City	14,457	7								
Mattoon, Ill.	12,582	2			8					
Meadville, Pa.	13,802				6					
Melrose, Mass.	17,445	4	1		7					1
Middletown, N. Y.	15,810				2				1	
Middletown, Ohio	15,625	2			1					
Milford, Mass.	14,110	11			4	4				1
Mishawaka, Ind.	16,385	3								
Missoula, Mont.	18,214	6	1		3					
Morgantown, W. Va.	13,709	3			3					
Morristown, N. J.	13,284	5			8		1			
Moundsville, W. Va.	11,153	2								
Mount Carmel, Pa.	20,268								1	
Muscatine, Iowa	17,500	1								1
Nanticoke, Pa.	23,126				1					
Natick, Mass.	10,102	2	2		20					
New Albany, Ind.	23,629	4								2
Newburyport, Mass.	15,243	3			2					
New London, Conn.	20,985	8			1		4			2
North Adams, Mass.	22,019	8	1							4
Northampton, Mass.	19,926	7			14		1			1
North Attleboro, Mass.	11,014	2	1		2					
North Little Rock, Ark.	14,907	3							1	1
North Tonawanda, N. Y.	13,768	4			3				1	
North Yakima, Wash.	20,951									
Norwood, Ohio	22,286	2	1		6					
Oil City, Pa.	19,297				5				6	
Olean, N. Y.	16,624	3								
Oneonta, N. Y.	10,962	5			1		1			
Ossining, N. Y.	13,705	6			21				1	
Oswego, N. Y.	24,101	7			4		3		2	
Palestine, Tex.	11,854	2								
Parkersburg, W. Va.	20,612	5								
Peabody, Mass.	18,360	2	1		26					
Peekskill, N. Y.	18,530	1								
Phillipsburg, N. J.	15,605	3	1						1	
Phoenixville, Pa.	11,714		1		3					
Piqua, Ohio	14,152	3								
Plainfield, N. J.	23,805	8			1					
Plymouth, Mass.	13,743	6							1	
Plymouth, Pa.	19,100								2	
Pontiac, Mich.	17,521	9	1		8		2		2	
Port Chester, N. Y.	16,183	3	1							
Portsmouth, N. H.	11,666				1					
Pottstown, Pa.	16,794		2							
Rahway, N. J.	10,219	5			2					1
Raleigh, N. C.	20,127	6	1		4					
Redlands, Cal.	14,000	3								
Richmond, Ind.	24,697	2					1			
Riverside, Cal.	19,763	2			6				3	
Rocky Mount, N. C.	12,067	4								1
Rome, N. Y.	23,737		2						1	
Rutland, Vt.	14,831	2								
St. Cloud, Minn.	11,817	2								
San Angelo, Tex.	10,321	4								1
San Bernardino, Cal.	16,945	2			2					
Sandusky, Ohio	20,193	3			3				1	
Santa Barbara, Cal.	14,846	5								
Santa Cruz, Cal.	14,594	5								
Saratoga Springs, N. Y.	13,821	6			6				1	
Sault Ste. Marie, Mich.	13,919	2			1					
Sedalia, Mo.	19,449	3	3		17				29	
Shamokin, Pa.	21,129		2		1					
Sharon, Pa.	18,616				2					
Sioux Falls, S. Dak.	16,499	4								
Southbridge, Mass.	14,205	3			3					

* Population Apr. 15, 1910; no estimate made.

DIPHTHERIA, MEASLES, SCARLET FEVER, AND TUBERCULOSIS—Contd.

City Reports for Week Ended June 8, 1918—Continued.

City.	Popula- tion as of July 1, 1916 (estimated by U. S. Census Bureau).	Total deaths from all causes.	Diphtheria.		Measles.		Scarlet fever.		Tuber- culosis.		
			Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	Cases.	Deaths.	
From 10,000 to 25,000 inhabi- tants—Continued.											
Spartanburg, S. C.	21,365	14							1		
Streator, Ill.	14,304	3									
Trinidad, Colo.	13,875				2						
Tuscaloosa, Ala.	10,488	6									
Vallejo, Cal.	13,461	3			2						
Vancouver, Wash.	13,180				6				1		
Warren, Ohio.	13,059	5	1		4						
Warren, Pa.	14,737				3						
Washington, Pa.	21,618		4		26		3		1		
Watertown, Mass.	14,867	4			7						
Wausau, Wis.	19,239	2							1		
West Chester, Pa.	13,176				1						
Westfield, Mass.	18,391	9			2		1		1		
West New York, N. J.	18,773				2				2		
West Orange, N. J.	13,550	1			20						
White Plains, N. Y.	22,465	6					1				
Wilkinsburg, Pa.	23,228		1		4		1		1		
Winchester, Mass.	10,603						1				
Winona, Minn.	18,583	7									
Winthrop, Mass.	12,692		1		2		1		2		
Woburn, Mass.	15,960	5									

¹ Population Apr. 15, 1910; no estimate made.

FOREIGN.

CUBA.

Communicable Diseases—Habana.

Communicable diseases have been notified at Habana as follows:

Disease.	May 1-10, 1918.		Remain- ing under treatment May 10, 1918.	Disease.	May 1-10, 1918.		Remain- ing under treatment May 10, 1918.
	New cases.	Deaths.			New cases.	Deaths.	
Cerebrospinal men- ingitis.....	1	.....	1	Measles.....	3	.....	8
Diphtheria.....	7	.....	17	Paratyphoid fever..	1	.....	2
Leprosy.....	.....	.....	13	Scarlet fever.....	2	.....	4
Malaria.....	12	.....	32	Typhoid fever.....	54	12	106
				Varicella.....	20	.....	25

¹ From the interior, 1. ² From the interior, 30. ³ From the interior, 54; 2 foreign; 2 from Regla.

SPAIN.

Undetermined Disease—Valencia.

A disease of undetermined nature was reported present, May 28, 1918, at Valencia, Spain. The disease was stated to be characterized by high fever, to be of short duration, and to resemble gripe. A number of cases similar to those which were reported at Valencia have been notified in other cities in Spain.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER.

Reports Received During Week Ended June 28, 1918.¹

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
India:				
Calcutta.....	Mar. 17-Apr. 6....	.....	210	
Philippine Islands:				
Provinces.....	Apr. 21-27.....	21	13	Apr. 21-27, 1918: Cases, 23;
Bohol.....	do.....	2	2	deaths, 15.
Capiz.....				

PLAGUE.

India.....				
Calcutta.....	Mar. 17-Apr. 6....	.....	12	Mar. 3-30, 1918: Cases, 139,832;
Siam:				deaths, 112,472.
Bangkok.....	Mar. 17-May 4....	43	41	

¹ From medical officers of the Public Health Service, American consuls, and other sources.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received During Week Ended June 28, 1918—Continued.

SMALLPOX.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Rio de Janeiro.....	Mar. 24-May 4.....	46	8	
Canada:				
British Columbia—				
Victoria.....	May 26-June 8.....	3		
Manitoba—				
Winnipeg.....	June 2-8.....	2		
New Brunswick—				
St. John.....	do.....	1		
Prince Edward Island—				
Summerside.....	June 1-7.....	1		
Quebec—				
Montreal.....	June 9-15.....	1		
Quebec.....	June 2-8.....	2		
China:				
Amoy.....	Apr. 22-May 4.....			Present.
Antung.....	May 7-13.....	2		
Changsha.....	Mar. 29-Apr. 5.....	2		
Chungking.....	Mar. 17-May 11.....			Do.
Haikow.....	Apr. 30-May 6.....	14	6	
Hankow.....	Apr. 15-21.....	1		
Nanking.....	Apr. 7-May 4.....			Do.
Tientsin.....	Apr. 22-May 18.....	5	1	Death in European.
Tsingtau.....	Apr. 15-May 5.....	4		
France:				
Rouen.....	Apr. 28-May 11.....	6		Including varioloid.
India:				
Calcutta.....	Mar. 17-23.....		55	
Italy:				
Genoa.....	Apr. 17-May 15.....	16	6	
Japan:				
Nagasaki.....	May 6-19.....	10		
Taihoku.....	Apr. 23-May 13.....	23	3	
Tokyo.....	May 13-19.....	2		
Mexico:				
Matatlan.....	May 29-June 4.....	1		
Mexico City.....	May 12-18.....	14		
Newfoundland:				
St. John.....	June 1-7.....	3		
Philippine Islands:				
Manila.....	Apr. 21-27.....	82	39	Varioloid, 47.
Portuguese East Africa:				
Lourenço Marquez.....	Feb. 1-28.....		3	
Russia:				
Vladivostok.....	Apr. 1-30.....	51	12	
Siam:				
Bangkok.....	Mar. 17-May 4.....	8	9	
Spain:				
Seville.....	Mar. 1-31.....		3	
Valencia.....	May 5-18.....	2		

TYPHUS FEVER.

Algeria:				
Algiers.....	Apr. 1-30.....		1	
China:				
Antung.....	May 7-13.....	2		
Hankow.....	Apr. 22-23.....	2		European.
Chosen (Korea):				
Seoul.....	Mar. 1-31.....	4	1	Apr. 24-30, 1918: Cases, 2.
Egypt:				
Alexandria.....	Apr. 23-May 4.....	449	96	
Greece:				
Saloniki.....	Apr. 7-27.....		6	
Japan:				
Nagasaki.....	May 6-19.....	3		
Mexico:				
Aguascalientes.....	June 3-9.....		1	
Mexico City.....	May 12-18.....	29		
Vera Cruz.....	June 3-9.....		2	
Russia:				
Vladivostok.....	Apr. 1-30.....	4		

YELLOW FEVER.

Mexico:				
Acapulco.....	June 16.....	1		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918.

CHOLERA.

Place.	Date.	Cases.	Deaths.	Remarks.
China:				
Antung.....	Nov. 26-Dec. 2....	3	1	
India:				
Bombay.....	Oct. 28-Dec. 15....	19	14	
Do.....	Dec. 30-Mar. 9.....	219	194	
Calcutta.....	Sept. 16-Dec. 15....	.....	135	
Do.....	Dec. 30-Apr. 6.....	.....	365	
Karachi.....	Dec. 30-Feb. 23....	25	6	
Madras.....	Nov. 25-Dec. 22....	2	2	
Do.....	Dec. 30-Mar. 16....	47	26	
Rangoon.....	Nov. 4-Dec. 22....	5	5	
Do.....	Dec. 30-Mar. 23....	13	8	
Indo-China:				
Provinces.....				Sept. 1-Dec. 31, 1917: Cases, 168; deaths, 95.
Anam.....	Sept. 1-Dec. 31....	24	15	
Cambodia.....	do.....	74	54	
Cochin-China.....	do.....	58	24	
Saigon.....	Nov. 22-Dec. 9.....	4	3	
Do.....	Feb. 4-Apr. 28.....	28	18	
Kwang-Chow-Wan.....	Sept. 1-30.....	10	2	
Java:				
East Java.....	Oct. 28-Nov. 3....	1	1	
West Java.....				Oct. 19-Dec. 27, 1917: Cases, 102; deaths, 55. Dec. 28, 1917-Feb. 21, 1918: Cases, 38; deaths, 7.
Batavia.....	Oct. 10-Dec. 27....	49	23	
Do.....	Dec. 28-Feb. 21....	35	1	Dec. 28, 1917-Feb. 24, 1918: Cases, 121.
Palestine.....				
Deir Seneid.....	Dec. 28-Feb. 24....	65	.....
Jaffa.....	Feb. 17-24.....	4	.....
Ludd.....	Mar. 22.....	1	.....
Sukkarieh.....	Dec. 28-Mar. 22....	24	.....
Persia.....				July 30-Sept. 3, 1917: Cases, 354; deaths, 276.
Achraf.....	July 30-Aug. 16....	90	88	Present.
Astrabad.....	July 31.....	.....	.....
Barfrush.....	July 1-Aug. 16....	39	25	
Bender Bouchir.....				Present. On Persian Gulf.
Chahmirzad.....				25 cases reported July 31, 1917.
Chahrashtagh.....	June 15-July 25....	10	8	
Chroud.....	Aug. 26-Sept. 3....	4	2	
Damghan.....	Aug. 26.....	.....	.....	Present.
Kharek.....	May 28-June 11....	21	13	
Meched.....	Aug. 18-Sept. 2....	174	82	
Ouzoun Dare.....	Aug. 8.....	.....	.....	Do.
Sabzevar.....	Aug. 24.....	.....	.....	Do.
Sari.....	July 3-29.....	273	144	
Semnan.....	Aug. 31-Sept. 2....	14	5	
Yekchambe Bazar.....	June 3.....	6	.....
Philippine Islands:				
Provinces.....				July 1-Dec. 29, 1917: Cases, 5,964; deaths, 3,655. Dec. 30, 1917-Apr. 27, 1918: Cases, 1,980; deaths, 1,407.
Antique.....	Nov. 18-Dec. 1....	48	32	
Do.....	Feb. 3-9.....	4	4	
Bohol.....	Nov. 18-Dec. 29....	169	111	
Do.....	Dec. 30-Apr. 27....	602	473	
Capi.....	Nov. 25-Dec. 29....	27	21	
Do.....	Dec. 30-Apr. 27....	232	192	
Cebu.....	Dec. 23-29.....	3	.....
Do.....	Dec. 30-Apr. 20....	118	68	
Davao.....	Mar. 10-Apr. 13....	12	11	
Iloilo.....	Nov. 25-Dec. 29....	179	135	
Do.....	Dec. 30-Mar. 2.....	97	63	
Leyte.....	Nov. 25-Dec. 22....	13	12	
Do.....	Feb. 3-Mar. 16....	50	38	
Mindanao.....	Nov. 25-Dec. 29....	337	196	
Do.....	Dec. 30-Feb. 9.....	341	220	
Misamis.....	Feb. 24-Apr. 20....	257	153	
Occidental Negros.....	Nov. 25-Dec. 22....	177	123	
Do.....	Jan. 13-Apr. 6.....	146	88	
Oriental Negros.....	Nov. 25-Dec. 29....	99	62	
Do.....	Dec. 30-Mar. 30....	23	15	
Romblon.....	Nov. 25-Dec. 1.....	1	1	
Surigao.....	Feb. 24-Apr. 20....	62	52	
Zamboanga.....	Feb. 24-Apr. 6.....	35	29	
Russia:				
Tashkentnine.....	May 13.....	.....	.....	Present.
Tzaritsin.....	do.....	.....	.....	Do.
Siam:				
Bangkok.....	Sept. 16-22.....	1	1	
Turkey in Asia:				
Bagdad.....	Nov. 1-15.....	.....	40	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

PLAGUE.

Place.	Date.	Cases.	Deaths.	Remarks.
Brazil:				
Bahia.....	Nov. 4-Dec. 15....	4	4	
Do.....	Dec. 30-Feb. 23....	4	3	
Rio de Janeiro.....	Dec. 23-29.....	1	.....
Do.....	Jan. 6-12.....	1	1	
British East Africa:				
Mombasa.....	Oct. 1-Dec. 31....	31	18	
British Gold Coast:				
Axim.....	Jan. 8.....	.....	.....	Present.
Ceylon:				
Colombo.....	Oct. 14-Dec. 1....	14	13	
Do.....	Dec. 30-Mar. 23....	37	33	
China:				
Anhui Province—				Present in North China in January, 1918; pneumonic form.
Fengyanghsien.....	Feb. 27.....	.....	9	Pneumonic.
Pengpu.....	do.....	.....	1	Do.
Chili Province—				Vicinity. Present in February, 1918.
Kalgan.....	.....	.....	.....	Present in vicinity.
Fukien Province—				
Amoy.....	Mar. 11-31.....	.....	.....
Hongkong.....	Apr. 14-20.....	1	1	
Kiangsu Province—				
Nanking.....	Mar. 17-Apr. 5....	19	15	
Shansi Province.....	.....	.....	.....	Present in February, 1918; 116 cases estimated.
Ecuador:				
Babahoyo.....	Feb. 1-15.....	1	.....
Duran.....	Feb. 16-Mar. 30....	2	1	
Guayaquil.....	Sept. 1-Nov. 30....	68	24	Reported outbreak occurring about Jan. 17, 1918.
Do.....	Feb. 1-15.....	44	18	
Do.....	Mar. 1-30.....	37	14	
Egypt:				
Alexandria.....	Jan. 14-28.....	1	.....	Jan. 1-Nov. 15, 1917: Cases, 728; deaths, 398.
Cairo.....	Dec. 17-29.....	2	2	
Port Said.....	July 2-Dec. 23....	13	7	
Suez.....	July 2-Oct. 20....	62	38	
Hawaii:				
Laupahcehce.....	May 5.....	1	1	
India:				
Basscin.....	Dec. 9-29.....	.....	8	July 1-Dec. 29, 1917: Cases, 280,258; deaths, 212,022. Dec. 30, 1917-Feb. 23, 1918: Cases, 276,768; deaths, 221,858. Mar. 3-30, 1918: Cases, 139,832; deaths, 112,472.
Do.....	Dec. 30-Mar. 16....	.....	193	
Bombay.....	Oct. 28-Dec. 29....	147	123	
Do.....	Dec. 30-Mar. 9....	275	213	
Calcutta.....	Sept. 16-29.....	2	.....
Do.....	Dec. 30-Apr. 6....	.....	16	
Benzada.....	Oct. 21-27.....	.....	1	
Do.....	Jan. 5-Mar. 16....	.....	129	
Karachi.....	Oct. 21-Dec. 29....	27	20	
Do.....	Dec. 30-Apr. 6....	261	190	
Madras.....	Feb. 3-Mar. 9....	3	3	
Madras Presidency.....	Oct. 31-Nov. 24....	5,786	4,519	
Do.....	Jan. 6-Mar. 16....	11,649	9,012	
Mandalay.....	Oct. 14-Nov. 17....	.....	89	
Do.....	Dec. 30-Mar. 16....	.....	1,065	
Moulmein.....	Feb. 17-Mar. 16....	.....	83	
Myingyan.....	Dec. 30-Mar. 16....	.....	496	
Pegu.....	Feb. 10-Mar. 16....	.....	6	
Prome.....	Jan. 5-Feb. 23....	.....	6	
Rangoon.....	Oct. 21-Dec. 22....	.....	56	
Do.....	Dec. 30-Mar. 23....	767	704	
Toungoo.....	Dec. 9-29.....	.....	5	
Do.....	Dec. 30-Mar. 16....	.....	80	
Indo-China:				
Provinces.....				Sept. 1-Dec. 31, 1917: Cases, 171; deaths, 128.
Anam.....	Sept. 1-Dec. 31....	45	28	
Cambodia.....	do.....	95	83	
Cochin-China.....	do.....	31	17	
Saigon.....	Oct. 31-Dec. 23....	17	6	
Do.....	Dec. 31-Apr. 28....	198	107	
Java:				
East Java.....				Oct. 8-Dec. 31, 1917: Cases, 196; deaths, 193.
Do.....				Jan. 1-Feb. 4, 1918: Cases, 82; deaths, 81.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

PLAGUE—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Java—Continued.				
East Java—Continued.				
Residences—				
Kediri.....	Oct. 8-Dec. 31.....	1	1	
Madicoen.....	.....do.....	49	49	
Samarang.....	.....do.....	110	109	
Surabaya.....	.....do.....	25	23	
Do.....	Jan. 15-Feb. 4.....	17	17	
Surakarta.....	Oct. 8-Dec. 31.....	11	11	
West Java.....				Nov. 25-Dec. 9, 1917: Cases, 45; deaths, 45. Dec. 1, 1917-Jan. 15, 1918: Cases, 106.
Peru.....				Dec. 1, 1917-Jan. 15, 1918: Cases, 106. Feb. 16-Mar. 31, 1918: Cases, 113.
Departments—				
Ancachs.....	Dec. 1-Jan. 15.....	2		At Casma.
Do.....	Feb. 16-Mar. 31.....	5		
Callao.....	.....do.....	1		
Junin.....	.....do.....	1		
Lambayeque.....	Dec. 1-Jan. 15.....	22		At Chiclayo, Ferrenafe, Jayanca, Lambayeque.
Do.....	Feb. 16-Mar. 31.....	16		
Libertad.....	Dec. 1-Jan. 15.....	72		At Guadalupe, Mansiche, Pacasmayo, Salaverry, San Jose, San Pedro, and country district of Trujillo.
Do.....	Feb. 16-Mar. 31.....	68		
Lima.....	Dec. 1-Jan. 15.....	9		City and country.
Do.....	Feb. 16-Mar. 31.....	22		
Piura.....	Dec. 1-Jan. 15.....	1		At Catacaos.
Senegal:				
St. Louis.....	Feb. 2.....			Present.
Siam:				
Bangkok.....	Sept. 16-Dec. 23.....	13	9	
Do.....	Jan. 13-May 4.....	80	68	
Straits Settlements:				
Penang.....	Mar. 17-23.....	1		
Singapore.....	Oct. 28-Dec. 29.....	5	7	
Do.....	Jan. 6-Mar. 28.....	81	72	
On vessel:				
S. S. Quilpue.....	May 9.....	2		At Callao, Peru.

SMALLPOX.

Algeria:				
Algiers.....	Nov. 1-Dec. 31.....	3	2	
Do.....	Jan. 1-Apr. 23.....	249	6	
Arabia:				
Aden.....	Apr. 4-10.....		1	
Australia:				
New South Wales.....				July 12-Dec. 20, 1917: Cases, 36; Jan. 4-17, 1918: Case, 1.
Abermain.....	Oct. 25-Nov. 29.....	3		Newcastle district.
Cessnock.....	July 12-Oct. 11.....	7		
Eumangla.....	Aug. 15.....	1		
Kurri Kurri.....	Dec. 5-20.....	2		
Mungindi.....	Aug. 13.....	1		
Warren.....	July 12-Oct. 25.....	22		
Do.....	Jan. 1-17.....	1		
Brazil:				
Bahia.....	Nov. 10-Dec. 8.....	3		
Pernambuco.....	Nov. 1-15.....	1		
Rio de Janeiro.....	Sept. 30-Dec. 29.....	703	190	
Do.....	Dec. 30-May 4.....	297	92	
Sao Paulo.....	Oct. 29-Nov. 4.....		2	
British East Africa:				
Mombasa.....	Oct. 1-Dec. 31.....	9	5	
Canada:				
British Columbia—				
Vancouver.....	Jan. 13-Mar. 9.....	5		
Victoria.....	Jan. 7-June 8.....	5		
Manitoba—				
Winnipeg.....	Dec. 30-June 8.....	7		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Canada—Continued.				
New Brunswick—				
Kent County.....	Dec. 4.....	.....	.....	Outbreak. On main line Canadian Ry., 25 miles north of Moncton.
Do.....	Jan. 22.....	40	.....	In 7 localities.
Northumberland County.....	do.....	41	.....	In 5 localities.
Restigouche County....	Jan. 18.....	60	.....
St. John County—				
St. John.....	Mar. 3-June 8....	28	.....	May 13, 1918: Cases present, 14.
Victoria County.....	Jan. 2.....	10	.....	At Limestone and a lumber camp.
Westmoreland County—				
Moncton.....	Jan. 29-May 25....	22	.....
York County.....	Jan. 22.....	8	.....
Nova Scotia—				
Cape Sable Island.....				Present May 8 at Clarks Harbor.
Halifax.....	Feb. 24-June 1....	28	.....
Sydney.....	Feb. 3-June 1....	30	.....
Ontario—				
Amprior.....	Mar. 31-Apr. 6....	.....	1	
Hamilton.....	Dec. 16-22.....	1	.....
Do.....	Jan. 13-19.....	2	.....
Ottawa.....	Mar. 4-24.....	5	.....
Sarnia.....	Dec. 9-15.....	1	.....
Do.....	Jan. 6-May 18....	34	.....
Toronto.....	Feb. 10-Apr. 6....	2	.....
Windsor.....	Dec. 30-Jan. 5....	1	.....
Prince Edward Island—				
Charlottetown.....	Feb. 7-June 5....	2	.....
Summerside.....	June 1-7.....	1	.....
Quebec—				
Montreal.....	Dec. 16-Jan. 5....	5	.....
Do.....	Jan. 6-June 15....	13	.....
Quebec.....	Apr. 21-June 8....	5	.....
China:				
Amoy.....	Oct. 22-Dec. 30....	.....	.....	Present.
Do.....	Dec. 31-May 4....	.....	.....	Do.
Antung.....	Dec. 2-23.....	14	2	
Do.....	Jan. 7-May 13....	16	4	
Changsha.....	Jan. 28-Apr. 5....	8	1	
Chefoo.....	Jan. 27-Feb. 9....	.....	.....	Do.
Chungking.....	Nov. 11-Dec. 29....	.....	.....	Do.
Do.....	Dec. 30-May 11....	.....	.....	Do.
Dairen.....	Nov. 13-Dec. 22....	3	1	
Do.....	Dec. 30-May 6....	104	18	
Hankow.....	Feb. 25-Apr. 21....	2	.....
Harbin.....	May 14-June 30....	20	.....	Chinese Eastern Ry.
Do.....	July 1-Dec. 2....	7	.....	Do.
Hongkong.....	Dec. 23-29.....	1	.....
Do.....	Jan. 26-Apr. 13....	22	10	
Hungtashotze Station.....	Oct. 28-Nov. 4....	1	.....	Do.
Manchuria Station.....	May 14-June 30....	6	.....	Do.
Do.....	July 1-Dec. 2....	3	.....	Do.
Mukden.....	Nov. 11-24.....	.....	.....	Present.
Do.....	Feb. 10-Mar. 30....	.....	.....	Do.
Nanking.....	Feb. 3-May 4....	.....	.....	Do.
Shanghai.....	Nov. 18-Dec. 23....	41	91	Cases, foreign; deaths among natives.
Do.....	Dec. 31-Apr. 1....	38	119	Do.
Swalow.....	Jan. 18.....	.....	.....	Unusually prevalent.
Tientsin.....	Nov. 11-Dec. 22....	13	.....
Do.....	Dec. 30-May 13....	55	1	
Tsingtau.....	Feb. 4-May 5....	15	2	
Colombia:				
Cartagena.....				Present in suburbs, May 21, 1918.
Cuba:				
Habana.....	Jan. 7.....	1	.....	Nov. 8, 1917: 1 case from Coruna;
Marianao.....	Jan. 8.....	1	.....	Dec. 5, 1917, 1 case.
Ecuador:				
Guayaquil.....	Sept. 1-Nov. 20....	26	2	6 miles distant from Habana.
Do.....	Feb. 1-Mar. 31....	4	3	

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Egypt:				
Alexandria.....	Nov. 12-18.....	2	1	
Do.....	Jan. 8-Apr. 15.....	11	.....
Cairo.....	July 23-Nov. 18.....	6	1	
France:				
Lyon.....	Nov. 18-Dec. 16.....	6	3	
Do.....	Jan. 7-Feb. 17.....	11	2	
Marseille.....	Jan. 1-31.....	.....	2	
Paris.....	Jan. 27-Apr. 20.....	11	5	
Rouen.....	Mar. 31-May 11.....	49	10	Including varioloid.
Great Britain:				
Cardiff.....	Feb. 3-9.....	4	.....
Hull.....	Mar. 17-30.....	3	.....
Greece:				
Saloniki.....	Jan. 27-Mar. 16.....	.....	9	
Honduras:				
Santa Barbara Department.....	Jan. 1-7.....	.....	.....	Present in interior.
India:				
Bombay.....	Oct. 21-Dec. 29.....	50	12	
Do.....	Dec. 31-Mar. 9.....	918	381	
Calcutta.....	Jan. 27-Mar. 23.....	.....	89	
Karachi.....	Nov. 18-Dec. 29.....	4	2	
Do.....	Jan. 27-Apr. 6.....	109	66	Nov. 11-16, 1917: 10 cases with 4
Madras.....	Oct. 31-Dec. 29.....	20	8	deaths; imported on s. s. Me-
Do.....	Dec. 30-Mar. 16.....	157	140	nesa from Basreh.
Rangoon.....	Oct. 28-Dec. 22.....	6	1	
Do.....	Dec. 30-Mar. 23.....	90	23	
Indo-China:				
Provinces.....				Sept. 1-Dec. 31, 1917: Cases, 690;
Annam.....	Sept. 1-Dec. 31.....	210	30	deaths, 180.
Cambodia.....	.....do.....	19	11	
Cochin-China.....	.....do.....	440	133	
Saigon.....	Oct. 20-Dec. 30.....	120	26	
Do.....	Dec. 31-Apr. 23.....	1,566	482	
Laos.....	Oct. 1-Dec. 31.....	8	1	
Tonkin.....	Sept. 1-Dec. 31.....	18	5	
Italy:				
Castellamare.....	Dec. 10.....	2	.....	Among refugees.
Florence.....	Dec. 1-15.....	17	4	
Genoa.....	Dec. 2-31.....	11	3	
Do.....	Jan. 2-May 15.....	68	15	
Leghorn.....	Jan. 7-Apr. 7.....	33	7	
Messina.....	Jan. 3-19.....	1	.....
Milan.....	.....	.....	.....	Oct. 1-Dec. 31, 1917: Cases, 32.
Naples.....	To Dec. 10.....	2	.....	Among refugees.
Taormina.....	Jan. 23-Feb. 9.....	6	.....
Turin.....	Oct. 23-Dec. 29.....	123	120	
Do.....	Jan. 21-Apr. 7.....	96	10	
Japan:				
Kobe.....	Apr. 21-27.....	1	.....
Nagasaki.....	Jan. 14-May 19.....	28	4	
Nagoya.....	Mar. 24-Apr. 13.....	3	.....
Taihoku.....	Dec. 15-21.....	1	.....	Island of Taiwan (Formosa).
Do.....	Jan. 8-May 13.....	99	24	Do.
Tokyo.....	Feb. 11-May 19.....	42	.....	City and suburbs.
Yokohama.....	Jan. 17-Feb. 3.....	63	.....
Java:				
East Java.....	Oct. 7-Dec. 23.....	50	.....	Dec. 25-31, 1917: Cases, 7. Jan.
Surabaya.....	Dec. 25-31.....	1	.....	1-Feb. 4, 1918: Cases, 14.
Do.....	Jan. 23-Feb. 4.....	1	.....
Mid-Java:				
Samarang.....	Nov. 6-Dec. 12.....	4	1	Oct. 10-Dec. 26, 1917: Cases, 86;
				death, 1. Dec. 28, 1917-Feb.
				13, 1918: Cases, 41.
West Java:				
Batavia.....	Nov. 2-8.....	1	.....	Oct. 19-Dec. 27, 1917: Cases, 231;
Do.....	Feb. 1-7.....	1	.....	deaths, 36. Dec. 28, 1917-Feb.
				21, 1918: Cases, 257; deaths, 60.
Mesopotamia:				
Bagdad.....	Jan. 1-31.....	.....	10	
Mexico:				
Aguaascalientes.....	Feb. 4-17.....	.....	2	
Ciudad Juarez.....	Mar. 3-June 1.....	4	2	
Guadalajara.....	Mar. 1-Apr. 30.....	24	5	
Mazatlan.....	Dec. 5-11.....	.....	1	
Do.....	Jan. 29-June 4.....	.....	4	
Mexico City.....	Nov. 11-Dec. 23.....	16	.....
Do.....	Dec. 30-May 18.....	160	.....
Piedras Negras.....	Jan. 11.....	200	.....
Vera Cruz.....	Jan. 20-Apr. 28.....	16	.....

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

SMALLPOX—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Newfoundland:				
Badger Brook.....	May 25-31.....	2	.....
St. Johns.....	Dec. 8-Jan. 4.....	29	.....
Do.....	Jan. 5-June 7.....	111	.....
Trepassey.....	Jan. 4.....	.....	.....	Outbreak with 11 cases reported.
Philippine Islands:				
Manila.....	Oct. 28-Dec. 8.....	5	.....
Do.....	Feb. 3-Apr. 27.....	291	136	Varioloid, 312.
Port Rico:				
San Juan.....	Jan. 28-Apr. 7.....	37	.....	Of these, 36 varioloid.
Portugal:				
Lisbon.....	Nov. 4-Dec. 15.....	2	.....
Do.....	Dec. 30-May 6.....	38	.....
Portuguese East Africa:				
Lourenço Marquez.....	Aug. 1-Dec. 31.....	.....	16	
Do.....	Jan. 1-Feb. 28.....	.....	9	
Russia:				
Archangel.....	Sept. 1-Oct. 31.....	7	.....
Moscow.....	Aug. 26-Oct. 6.....	22	2	
Petrograd.....	Aug. 31-Nov. 18.....	76	3	
Vladivostok.....	Apr. 1-30.....	51	12	
Siam:				
Bankok.....	Nov. 25-Dec. 1.....	1	1	
Do.....	Jan. 6-May 4.....	39	27	
Spain:				
Corunna.....	Dec. 2-15.....	.....	4	
Do.....	Jan. 20-Apr. 6.....	.....	19	
Madrid.....	Jan. 1-Mar. 31.....	.....	16	Jan. 1-Dec 31, 1917: Deaths, 77.
Malaga.....	Oct. 1-31.....	.....	19	
Seville.....	Oct. 1-Dec. 30.....	.....	66	
Do.....	Jan. 1-Mar. 31.....	.....	23	
Valencia.....	Jan. 27-May 18.....	3	.....
Straits Settlements:				
Penang.....	Feb. 24-Apr. 13.....	6	1	
Singapore.....	Nov. 25-Dec. 1.....	1	1	
Do.....	Dec. 30-Apr. 20.....	20	11	
Tunisia:				
Tunis.....	Dec. 14-20.....	1	.....
Do.....	Mar. 16-Apr. 12.....	2	.....
Turkey in Asia:				
Bagdad.....	.....	.....	.....	Present in November, 1917.
Union of South Africa:				
Cape of Good Hope State.....	Oct. 1-Dec. 31.....	28	.....
East London.....	Jan. 20-26.....	1	.....	Varioloid.
Transvaal—				
Johannesburg.....	Jan. 1-31.....	4	.....
Venezuela:				
Maracaibo.....	Dec. 2-8.....	.....	1	

TYPHUS FEVER.

Algeria:				
Algiers.....	Nov. 1-Dec. 31.....	2	1	
Do.....	Apr. 1-30.....	.....	1	
Argentina:				
Rosario.....	Dec. 1-31.....	.....	1	
Austria-Hungary:				
Hungary.....	.....	.....	.....	Nov. 26, 1917-Jan. 20, 1918: Cases, 16; deaths, 2. Jan. 21-Feb. 24, 1918: Cases, 21.
Budapest.....	Nov. 26-Jan. 20.....	2	.....
Do.....	Jan. 21-Feb. 24.....	14	.....
Brazil:				
Pernambuco.....	Mar. 16-31.....	1	.....
Rio de Janeiro.....	Oct. 28-Dec. 1.....	7	.....
Canada:				
Ontario—				
Kingston.....	Dec. 2-8.....	3	.....
Quebec—				
Montreal.....	Dec. 16-22.....	2	1	
China:				
Antung.....	Dec. 3-20.....	13	1	
Do.....	Dec. 31-May 13.....	6	2	
Hankow.....	Apr. 2-22.....	2	.....	European.

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Chosen (Korea):				
Seoul.....	Nov. 1-20.....	1		
Do.....	Feb. 1-Apr. 30.....	9	3	
Egypt:				
Alexandria.....	Nov. 8-Dec. 28.....	57	15	
Do.....	Jan. 8-May 4.....	1,826	406	
Cairo.....	July 23-Dec. 23.....	143	74	
Port Said.....	July 30-Nov. 11.....	5	5	
France:				
Marseille.....	Dec. 1-31.....		1	
Germany:				Dec. 23, 1917-Mar. 23, 1918: Cases, 106; deaths, 9.
Berlin.....	Mar. 2-23.....	1		
Breslau District.....	Feb. 3-23.....	4		
Königsberg District.....	do.....	1		
Lorraine.....				Prisoner of war.
Metz.....	Dec. 23-Feb. 2.....	17	3	Dec. 23, 1917-Feb. 23, 1918: Cases, 77; deaths, 4. Of these 59 cases, 1 death, in workmen's camps at Pontingen and Werningen.
Posen District.....	Feb. 3-23.....	7		
Great Britain:				
Belfast.....	Feb. 10-May 11.....	22	3	
Dublin.....	Mar. 24-Apr. 27.....	4		
Glasgow.....	Dec. 21.....	1		
Do.....	Jan. 20-May 18.....	22		
Manchester.....	Dec. 2-8.....	1		
Greece:				
Arta.....	Feb. 19.....	2		
Janina.....	Feb. 14.....	110	72	Jan. 27, epidemic.
Saloniki.....	Nov. 11-Dec. 29.....		48	
Do.....	Dec. 30-Apr. 27.....			
Italy:				
Bagnasco.....	Mar. 18-Apr. 7.....	4		Province of Cuneo.
San Remo.....	Mar. 10-16.....	2		
Japan:				
Nagasaki.....	Nov. 26-Dec. 16.....	5	5	
Do.....	Jan. 7-May 19.....	22	8	
Java:				
East Java.....				Oct. 15-Dec. 31, 1917: Cases, 39; deaths, 7. Jan. 1-Feb. 11, 1918: Cases, 34; deaths, 7.
Surabaya.....	Dec. 17-31.....	9	1	
Do.....	Jan. 1-Feb. 11.....	29	4	
Mid-Java.....				Oct. 10-Dec. 26, 1917: Cases, 63; deaths, 2. Dec. 28, 1917-Feb. 13, 1918: Cases, 24; deaths, 2.
Samarang.....	Oct. 9-Dec. 26.....	20	2	
Do.....	Dec. 27-Feb. 6.....	20		
West Java.....				Oct. 19-Dec. 27, 1917: Cases, 94; deaths, 17. Dec. 28, 1917-Feb. 21, 1918: Cases, 56; deaths, 1.
Batavia.....	Oct. 1-Dec. 27.....	50	15	
Do.....	Dec. 28-Feb. 21.....	47	2	
Lithuania.....				Dec. 30, 1917-Mar. 2, 1918: Cases, 1,878.
Mexico:				
Aguaascalientes.....	Dec. 15.....		3	
Do.....	Jan. 21-June 9.....		23	
Durango State—				
Guanacevi.....	Feb. 11.....			Epidemic.
Guadalajara.....	Apr. 1-30.....	2	2	
Mexico City.....	Nov. 11-Dec. 29.....	476		
Do.....	Dec. 30-May 21.....	877		
Vera Cruz.....	June 3-9.....		2	
Newfoundland:				
St. Johns.....	Mar. 30-Apr. 5.....	1	1	
Norway:				
Bergen.....	Feb. 1-16.....	3		
Poland:				Nov. 18-Dec. 8, 1917: Cases, 2,568; deaths, 218. Dec. 23, 1917-Mar. 9, 1918: Cases, 8,403; deaths, 315.
Lodz.....	Nov. 18-Dec. 8.....	219	25	
Do.....	Feb. 10-Mar. 9.....	292	35	
Warsaw.....	Nov. 18-Dec. 8.....	1,461	141	
Do.....	Feb. 10-Mar. 9.....	2,747	331	
Portugal:				
Lisbon.....	Mar. 3-30.....	18		Feb. 21: Present.
Oporto.....	Dec. 1-31.....	23	4	
Do.....	Jan. 1-Mar. 8.....	1,811	161	
Russia:				
Archangel.....	Sept. 1-14.....	7	2	
Moscow.....	Aug. 26-Oct. 6.....	49	2	
Petrograd.....	Aug. 31-Nov. 18.....	32		
Do.....	Feb. 2.....			Present.
Vladivostok.....	Oct. 29-Nov. 4.....	12	1	
Do.....	Apr. 1-30.....	4		

CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER AND YELLOW FEVER—Continued.

Reports Received from Dec. 29, 1917, to June 28, 1918—Continued.

TYPHUS FEVER—Continued.

Place.	Date.	Cases.	Deaths.	Remarks.
Spain:				
Almeria.....	Apr. 1-15.....	1	1	Present. Province of Coruna, Vicinity of Corcubion.
Corcubion.....	Apr. 11.....		3	
Lira.....	Apr. 6.....	11		
Madrid.....	Jan. 1-Mar. 31.....		2	
Sweden:				
Goteborg.....	Nov. 18-Dec. 15...	2		
Switzerland:				
Basel.....	Jan. 6-19.....	1	1	
Zurich.....	Nov. 9-15.....	2		
Do.....	Jan. 13-19.....	2		
Tunisia:				
Tala.....	Mar. 18.....			Epidemic.
Tozer.....	do.....			Do.
Tunis.....	Nov. 30-Dec. 6.....		1	Of these 26 in outbreak in prison
Do.....	Feb. 9-May 17.....	48	22	
Union of South Africa:				
Cape of Good Hope State.....				Sept. 10, 1917-Mar. 17, 1918: Cases, 4,444 (European, 34); deaths, 902 (European, 15).
Natal.....				Dec. 1, 1917-Mar. 17, 1918: Cases, 50; deaths, 11.

YELLOW FEVER.

Brazil:				
Bahia.....	Mar. 10-16.....	1	1	
Ecuador:				
Babahoyo.....	Feb. 1-15.....	1	1	
Guayaquil.....	Sept. 1-Nov. 30...	5	3	
Do.....	Feb. 1-15.....	1		June 8, 1918: Present.
Do.....	Mar. 1-31.....	12	7	
Milagro.....	Feb. 1-15.....	1	1	
Yaguachi.....	Nov. 1-30.....	1		
Guatemala:				
Retalhuleu.....	Apr. 22-May 23.....			Present. About 25 miles from Champerico, Pacific port. Disease spreading along Pacific coast.
Honduras:				
Tegucigalpa.....	Dec. 16-22.....		1	
Do.....	Jan. 6-19.....		1	
Mexico:				
Acapulco.....	June 16.....	1		

